

19991011.qrp v01_n605.qrl.991011

Date: Mon, 11 Oct 1999 19:03:04 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1605

QRP-L Digest 1605

Topics covered in this issue include:

- 1) [52742] 1st Vintage qrp contact !
by Michael Melland <badger@vbe.com>
- 2) [52743] Re: Origins of Manhattan?
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 3) [52744] Re: [psk31] My first QRP PSK31
by Monte Stark <ku7y@dri.edu>
- 4) [52745] RE: Miles per watt
by N10DL@aol.com
- 5) [52746] Re: Paper chases & contest calendars
by Jim Durkin <jimdurkin@yahoo.com>
- 6) [52747] RE: NorCal Paddles and Pacificon
by "Kevin F. Glynn" <KFGLYNN@prodigy.net>
- 7) [52748] Looking for contests
by "Mark Milburn" <markmilburn@netzero.net>
- 8) [52749] FOXHUNT: Attention Novice & Tech+ Ops - Tuesday Pre-Fox Bash
by "Bruce Prior" <n7rr@hotmail.com>
- 9) [52750] Epson custom oscillators
by Joe Everhart <n2cx@voicenet.com>
- 10) [52751] Re: Paper chases & contest calendars
by J38AL@aol.com
- 11) [52752] Re: Epson custom oscillators
by "John J. McDonough" <jjmcd@tm.net>
- 12) [52753] OT: Looking for a used oscilloscope
by "Kory Hamzeh" <kory@avatar.com>
- 13) [52754] Re: Paper chases & contest calendars
by "Vincent Ferme" <vferme@sprint.ca>
- 14) [52755] ANOTHER GOOD SITE
by N10DL@aol.com
- 15) [52756] Signal generator
by Roy <marion@montana.com>
- 16) [52757] Re: 1st Vintage qrp contact !
by "Paul R. Valko" <prvalko@oakland.edu>
- 17) [52758] Re: Miles per watt
by "Dan W. Dooley" <dandooley@pipeline.com>
- 18) [52759] Sweepstakes coming--reminder, & need advice
by "Dave Ek" <ekdave@earthlink.net>
- 19) [52760] NorCal trpoid kit

- by "Toru Kato" <jg1rvn@inv.co.jp>
- 20) [52761] Re: that noise on 40M
by waltk8cv@juno.com
- 21) [52762] PHOTOVOLTAIC SHINGLES
by ARDUJENSKI@aol.com
- 22) [52763] Nov SS CW Heads Up Note
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 23) [52764] Re: Nov CW SS QRP es KU7Y vs K7Q0
by Monte Stark <ku7y@dri.edu>
- 24) [52765] RE: CCD Halfwave Vert - Payoff = #97 on 30,
by Adrian Weiss <aweiss@usd.edu>
- 25) [52766] KU7Y and K7Q0 contesting
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 26) [52767] On the Road Again
by Richard Arland <k7sz@epix.net>
- 27) [52768] Geographic Name Server Site
by "Rod Cerkoney" <rwc@frii.com>
- 28) [52769] FS:MFIJ-9030 QRP Transceiver
by "Jack Oakland, CA" <w6abc@yahoo.com>
- 29) [52770] MY NEW 6 METER BEACON....
by "John F Marranca, Jr" <jmarran@juno.com>
- 30) [52771] Re: MY NEW 6 METER BEACON....
by James Skalski <jskalski@localnet.com>
- 31) [52772] Solar shingles question
by Jim <w7ls@blarg.net>
- 32) [52773] Call for nominations: QRP Hall of Fame
by Mike Czuhajewski <wa8mcq@erols.com>
- 33) [52774] Re: PHOTOVOLTAIC SHINGLES
by The Boices <boice@bigfoot.com>
- 34) [52775] Re: I smell a new name...
by N7YA@aol.com
- 35) [52776] HELP -- R1ANF/a -- where?
by aweiss@usd.edu (Ade Weiss W0RSP)
- 36) [52777] Re: HELP -- R1ANF/a -- where?
by Monte Stark <ku7y@dri.edu>
- 37) [52778] Re: 40 meters...contests
by N7YA@aol.com
- 38) [52779] 3, QRP-L Archive CD available
by "Paul R. Valko" <prvalko@oakland.edu>
- 39) [52780] Re: On the Road Again
by N7YA@aol.com
- 40) [52781] RE: R1ANF/a and Where to Find out
by aweiss@usd.edu (Ade Weiss W0RSP)
- 41) [52782] Re: R1ANF/a and Where to Find out
by N7YA@aol.com
- 42) [52783] Re: KU7Y and K7Q0 contesting
by Monte Stark <ku7y@dri.edu>
- 43) [52784] Re: HELP -- R1ANF/a -- where?

by Dave Sjolín <sjolin@swbell.net>
44) [52785] Re: KU7Y and K7Q0 contesting
by Bob Patten <n4bp@bc.seflin.org>
45) [52786] Mixer Circuits: Build 'em or Buy em?
by "Mark Bellamy" <mark@intermediatn.net>
46) [52787] Modified Modified MRX40/TT2 Schematic
by "Dave Fifield" <fifield@pacbell.net>
47) [52788] Re: Mixer Circuits: Build 'em or Buy em?
by "Leon Heller" <leon_heller@hotmail.com>
48) [52789] Tokelau Is. 10W SSB on my K2!
by Jeff Grudin <grudin@vdfs.com>
49) [52790] Re: OT: Looking for a used oscilloscope
by "Art Neilson, AH6PZ" <art@hawaii.rr.com>
50) [52791] SV: Paper chases & contest calendars
by "Hans Sundstrom" <hans.sundstrom@telia.com>
51) [52792] Re: I smell a new name...
by "Randy Jouett" <rules@bellsouth.net>
52) [52793] Re: On the Road Again
by "Richard Arland" <r_arland@hotmail.com>
53) [52794] Re: What is "Manhattan Style"?
by "Randy Jouett" <rules@bellsouth.net>
54) [52795] Re: KU7Y and K7Q0 contesting
by Hank Kohl K8DD <k8dd@arrl.net>
55) [52796] Re: Strange Noises
by "Randy Jouett" <rules@bellsouth.net>
56) [52797] Re: I smell a new name...
by "Randy Jouett" <rules@bellsouth.net>
57) [52798] Re: HELP -- R1ANF/a -- where?
by Hank Kohl K8DD <k8dd@arrl.net>
58) [52799] Re: What is "Manhattan Style"?
by "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
59) [52800] Not directly QRP: HP universal counters
by "Robert M. Ganter" <hb9dnn@gmx.net>
60) [52801] RE: Miles per watt
by "Harry Hurst" <hhurst@delaware.infi.net>
61) [52802] Re: KU7Y and K7Q0 contesting
by Bruce Muscolino <w6toy@erols.com>
62) [52803] mW island expedition ALERT for tuesday
by Jim Hale <kj5tf@yahoo.com>
63) [52804] Re: KU7Y and K7Q0 contesting
by Bob Patten <n4bp@bc.seflin.org>
64) [52805] more TT2 output filters
by John McKee <JMckee@RFMD.com>
65) [52806] Re: PC Board Tinning Solution
by Bruce Kizerian <kizerian@ced.utah.edu>
66) [52807] Re: What is "Manhattan Style"?
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
67) [52808] Re: KU7Y and K7Q0 contesting

by "Richard Brummer, K2REB" <obvious@bestweb.net>
68) [52809] Re:
by "Tim Stabler" <tstabler@iunhaw1.iun.indiana.edu>
69) [52810] Re: more TT2 output filters
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
70) [52811] RE: New Altoids Tin
by Mark Arvidson <MarkA@entitysystems.com>
71) [52812] RE: Hamfest goodies
by "ai2q" <ai2q@ispchannel.com>
72) [52813] Re: PHOTOVOLTAIC SHINGLES
by ARDUJENSKI@aol.com
73) [52814] Noise
by Dave Pomeroy <dave_pomeroy@yahoo.com>
74) [52815] Manhattan style Glue
by Tim <drboom@bright.net>
75) [52816] \\Radio Frequency Interference\\
by charles k brown <n4so@juno.com>
76) [52817] Re: I smell a new name...
by "KA5T Larry Wise" <lewise@inetport.com>
77) [52818] Re: Sweepstakes coming--reminder, & need advice
by Dave Ek <ekdave@earthlink.net>
78) [52819] fox logging
by Roy <marion@montana.com>
79) [52820] Re: more TT2 output filters
by "KA5T Larry Wise" <lewise@inetport.com>
80) [52821] re: tower needed
by M Goins <mgoins@usa.net>
81) [52822] Re: What is "Manhattan Style"?
by "Randy Jouett" <rules@bellsouth.net>
82) [52823] RE: MIXers, make or buy ?
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
83) [52824] Re: Lead, cyanide, and other pastimes
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
84) [52825] Still looking for TT Corsair
by "The Hansons" <hansfam@midcoast.com>
85) [52826] Other reflectors
by "Mark Milburn" <markmilburn@netzero.net>
86) [52827] Radio Havana freq's?
by tom whalen <wb5qyt@eFortress.com>
87) [52828] Suitability of polystyrene caps
by ka7you@juno.com
88) [52829] Re:K2 Time to Build?
by Ed Loranger <we6w@qsl.net>
89) [52830] FOX: Pre-FOX festivities @ K7GT
by Allan G Taylor <k7gt@arrl.net>
90) [52831] Re: I smell a new name...
by Gary L Surrency <gsurrency@juno.com>
91) [52832] Fwd: nwq-1: FOXHUNT: Attention Novice & Tech+ Ops - Tuesday Pre-Fox

Bash

- by "Bruce Prior" <n7rr@hotmail.com>
- 92) [52833] MRX40 troubles
by Allan G Taylor <k7gt@arrl.net>
- 93) [52834] QRP Hall of Fame clarification
by "Mike Czuhajewski" <wa8mcq@erols.com>
- 94) [52835] COMPUTER PROBLEM---NOT QRP
by "DONALD G. DORN" <DDORN@CWIS.NET>
- 95) [52836] OT: Update
by Jeff Davis <jeff@n9avg.org>
- 96) [52837] Re:K2 Time to Build?
by James Skalski <jskalski@localnet.com>
- 97) [52838] Pictures of the SSB Adapter
by Jeff Grudin <grudin@vdb.com>
- 98) [52839] KI6DS TT2/MRX on the air tonight
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 99) [52840] HANDKEY PROJECT A BIG SUCCESS
by "Scott Howell" <n3byy@yahoo.com>
- 100) [52841] TT2/MRX40 Audio Mod.
by Brian Kassel <bkassel@dancris.com>
- 101) [52842] QRP in the Sweepstakes--some motivational thoughts
by Dave Ek <ekdave@earthlink.net>
- 102) [52843] WTB: "QRP Classics"
by Dennisskea@aol.com
- 103) [52844] FOXHUNT: Attention Novice & Tech+ Ops - Tuesday Pre-Fox Bash
by n5ib@juno.com
- 104) [52845] mojo
by "Mark Paley" <mpaley@wcnet.org>
- 105) [52846] Re: Mixer Circuits: Build 'em or Buy em?
by "John Moriarity" <k6qq@hdo.net>
- 106) [52847] W0MC Portable Op this afternoon
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
- 107) [52848] Re: KU7Y and K7Q0 contesting
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 108) [52849] How does an overtone crystal work?
by "Robert W. Shaw" <lycott@fox.nstn.ca>
- 109) [52850] FOXHUNT pre-season hunt de K7Q0
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 110) [52851] Another SS plus
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 111) [52852] Antarctic QTHs and Managers
by "ai2q" <ai2q@ispchannel.com>
- 112) [52853] IF you emailed me... QSL.NET is SLOW right now.
by Ed Loranger <we6w@qsl.net>
- 113) [52854] TOKO Coils?
by "Phinizy, William" <wphinizy@filenet.com>
- 114) [52855] Re: What is "Manhattan Style"?
by Pete Burbank <plburbank@kih.net>

115) [52856] Wire antennas in attic
by "Jeff Hahn" <kr4ys@hotmail.com>

Date: Sun, 10 Oct 1999 18:07:59 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu
Subject: [52742] 1st Vintage qrp contact !
Message-ID: <38011C4E.5A39A105@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just had my first vintage qrp contact. Vintage in that I made it through all the noise and qsb on 7.122 to Walt, KF4YJQ in Clarksville, TN with my "new to me" Ten Tec PM3A Power Mite. Boy.... is that DC receiver wide <grin>..... but it works great and seems pretty sensitive ! This is a nice little rig..... no mods and all original and in excellent condition. Next time I'm hooking it through either my dsp filter or ... hmmm.... think I'll melt some solder and make a nice battery powered active filter !

Oh yeah..... power out was about 1.5 watts.

Not too bad for a 1970 vintage qrp rig ! I love this hobby !

73 de Mike

--
Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Sun, 10 Oct 1999 19:13:17 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: k7qo@hotmail.com
Cc: qrp-l@lehigh.edu
Subject: [52743] Re: Origins of Manhattan?

Message-ID: <3.0.1.32.19991010191317.0071fde0@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:38 AM 10/10/99 MST, Chuck Adams, K7QO wrote:

>
>
>Group,
>
>Someone check the archives and look for postings after Dayton
>when Jim Kortge, K8IQY, won the 2N2222 building contest.
>
>As one of the judges at that event when I saw the layout that
>Jim had done it immediately brought to mind the skyline of
>NYC and I called it Manhattan. I don't know if that was original
>or not or if even I was the first person to call the construction
>technique that or not. It doesn't matter.
>
>With regular alignment of components and wires as viewed from
>the top you seen squares and rectangles. Viewed from the side
>the components look like buildings aligned along streets. Thus
>the name Manhattan. You'll also note that I first spelled the
>city incorrectly and apologized for same. We learn something
>new every day.
>
Well gee gang, I hate to burst all of the bubbles, but I used
the term, "Manhattan Style construction" in the documentation
that I prepared for my entry in the 1998 NorCal sponsored
Dayton building contest.

I didn't coin the term either, but used it, since the building
method has been around for a long time, and is commonly used
and discussed in the EE classes at Stanford University. When
my son was working on his Masters Degree there a few years ago,
we talked about the technique several times, as he was coming
home from breaks with circuits that he had breadboarded up
using that technique, and stripline, for the microwave stuff.

The striplines were made with adhesive copper foil on the backside
of single sided PC board material. A little sizzors work on some
of the copper tape to get it to the correct width will yeild a
pretty good 50 ohm line at 0.5 GHz. You can solder to the copper
striplines without causing the adhesive to detach, but it has to
be done rather quickly.

That's the background as I know it.

As Chuck would say, back to the program in progress! :-)

72 and regards to all.....Jim, K8IQY

Date: Sun, 10 Oct 1999 16:48:37 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Charles Greene <cgreene@loa.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52744] Re: [psk31] My first QRP PSK31
Message-ID: <Pine.GSO.4.10.9910101642490.10520-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Oct 1999, Charles Greene wrote:

>
> Question. What do we rate QRP power for SSB? One could argue that
> we should do the same for psk31.
>

Ahhhhhhh, good question.....

Some use 10 watts PEP, like the ARCI for example while
others use 5 watts PEP, like the ARRL.

I would "vote" to have all QRP just equal 5 watts. No fuss,
no muss.....Whatever that mode uses for measurment just
use 5 watts of it! PEP, Peak, Avg or whatever.

You can not compair one mode to another nor make one mode
equal to another. You can only compair SSB to SSB for example
and then only if all SSB is done at the same level. Right now
you can't look at SSB accomplishments from one group to the
other and have them mean much. One is at QRP and the other
is at QRPx2.

OK, back in my hole.....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 10 Oct 1999 20:17:30 EDT
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [52745] RE: Miles per watt
Message-ID: <0.26e3edc.2532869a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

go to the <http://www.indo.com/distance> and put in the Lat/Lon or the city names and it will give you the answer.

Aron Brown

N10DL/qrp

Date: Sun, 10 Oct 1999 17:36:26 -0700 (PDT)
From: Jim Durkin <jimdurkin@yahoo.com>
To: nilsbull@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52746] Re: Paper chases & contest calendars
Message-ID: <19991011003626.22282.rocketmail@web308.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Nils,
someone posted www.google.com as a place to answer the question "Is there a website for....?" Might try there.
Best of luck and 73,
Jim kt4a.

--- Nils R Young <nilsbull@juno.com> wrote:
> Gang,
>
> I gotta get organized here. Well, actually, I have
> to strip wall paper,
> repair & paint woodwork, window frames & the ceiling
> before I can move my
> collection of suede-o-intellectual paraphernalia
> into what was my
> youngest's bedroom. But that's another story.
>
> I was listening around today on 10 & 15 & hearing
> all this CQ TEST stuff.
> I don't know what test it was, but there was folks
> testin'. Which brings
> up the question: I'd bet there's a web site what
> shows all the contest

> dates for every known contest without having to go
> through a million
> different club web sites (some of which are in
> language I no savvy),
> ain't there?
>
> And then there's this 1975 vintage copy of the SSA
> Diplom Boken, what I
> got in trade for some transistors or something back
> when the book was on
> the verge of out of print. Like a grand compendium
> of all the awards you
> could ever want, even if you didn't want them. And
> he thought "Why not? I
> done it in reform school" Oops . . . quoting
> Burroughs again.
>
> So without going to the SSA (Swedish Ham Radio Club)
> web site and asking
> sensibly, is there a web site that's got all this
> info up to date or not?
>
> And did you notice that I'm not looking for a book
> of info in either
> case? Like what web sites, dudes? Not "Where can I
> find a book with . . .
> ?" question thing.
>
> Ah, technology! And once again it has overtaken our
> Pleistocene minds . .
> . Ok, my Pleistocene mind. We won't ask about
> your's, will we?
>
> 73
>
> Nils
> . . . like I need more paper on the wall . . . even
> found a site where,
> for the paltry sum of \$750, you can get a PhD from
> some university,
> complete with transcripts of classes & all the
> extras. Cum laude costs an
> extra \$25 . . .
> -----
> Nils R. Bull Young -- El Gringo Errante -- La
> Estancia de los Guajolotes
> Sonrientes
> <http://home.fiberia.com/wb8ijn> -- WB8IJN --

> <http://members.xoom.com/nilsbull>
> "In my day you had to FIGHT to have oligarchs! Every
> day was a STRUGGLE!
> -- Comrade Sergei Nikolaevich McTovarishov
> --
>
>

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> Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.
>

=====

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sun, 10 Oct 1999 20:40:24 -0400
From: "Kevin F. Glynn" <KFGLYNN@prodigy.net>
To: <qrp-1@Lehigh.EDU>
Subject: [52747] RE: NorCal Paddles and Pacificon
Message-ID: <000801bf1381\$3830e2a0\$69589cd1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

A little late on the digest these days....

I want to thank Chris and Scott for bringing out their paddles to Atlanticon. I got to play with Scott's Schurr paddle, which I absolutely LOVE... I think it blew away the Mercury (I believe that was one of the models there as well).

I own and use the Kent Iambic paddles, WBL Design and a bunch of other paddles, but the Schurr's felt so smooth. I haven't found a way I can justify the \$225+ or so to buy them yet.

I was glad to test drive them with a good keyer. At least now I know what all the hub-bub was about. In fact, Chuck came over and gave me some

pointers, I think he said "bug alert" or something like that, and that I should try a lighter finger touch to the paddles. I've been trying that, and it's less fatiguing. Will know with the upcoming Fall QSO Party and Nov Sweeps..

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Sun, 10 Oct 1999 19:43:42 -0500
From: "Mark Milburn" <markmilburn@netzero.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [52748] Looking for contests
Message-ID: <000101bf1381\$acbf7280\$a7250804@markmilburn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nils, here's a site that will give most of the big contests and a few besides.

<http://www.alltel.net/~johnshan/fcontest.html>

72/73 Mark KQ0I
Des Moines, Iowa
kq0i@arrl.net

NetZero - Defenders of the Free World
Get your FREE Internet Access and Email at
<http://www.netzero.net/download/index.html>

Date: Sun, 10 Oct 1999 18:04:49 PDT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [52749] FOXHUNT: Attention Novice & Tech+ Ops - Tuesday Pre-Fox Bash
Message-ID: <19991011010449.40393.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hounds All, especially Ops with Novice and Tech+ Tickets--

For the Tuesday night pre-fox bash, this particular bushy-tailed and oh, so delicious-smelling fox will inhabit two parts of the band. The Novice/Tech+ part will be QRS, about 10 WPM or slower if you call me slower than that. Here's the schedule:

0130-0200Z @ 7110 kHz +/- QRM QRS
0200-0230Z @ 7035 kHz +/- QRM ca. 20 WPM
0230-0300Z @ 7110 kHz +/- QRM QRS

That's Tuesday night in North America and Wednesday UTC.

I'll be calling CQ FOX.

72, Bruce Prior in Blaine, WA -- one of the Mangy Mushers

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 10 Oct 1999 21:06:46 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-l@Lehigh.EDU
Cc: njqrp@njqrp.org
Subject: [52750] Epson custom oscillators
Message-ID: <199910110106.VAA62850@nss4.cc.lehigh.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

The custom-programmed Epson oscillators have been mentioned a number of times lately. I have a neat (well, I think it is!) use in conjunction with the variable oscillator/multiplier circuit presented in my latest Quickie which, in turn is in the WA8MCQ IX column in the latest QRP Quarterly. Whew, what a mouthful!

Anyway, it would make a cheap way to put a reasonably stable oscillator anywhere in the HF area. But....

To be useful it's gotta be clean.

So, has anyone done any careful measurements of the phase noise/jitter (same idea, different domain) characteristics of those oscillators? The Epson data sheets don't have that level of detail.

And while I'm in the questioning mode, has anyone measured the keying characteristics? Since they use a PLL, there is a lockup time associated

with that technique and they may not be suitable for morse keying if they have long lockup times.

I suspect I'm not alone in wondering. It's kinda like listening on 10 meters and hearing nothing cuz everybody else is just listening, too. :-)

Please be assured that if this application works out, I'll share the results with you all.

72/73,

Joe E., N2CX

Date: Sun, 10 Oct 1999 21:09:56 EDT
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [52751] Re: Paper chases & contest calendars
Message-ID: <0.eea4beef.253292e4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

WOW,

I typed "QRP" into the search box at Google (address below) and it came up with an estimated 5010 matches!! NorCal was number one and QRP-L number two. Looks like I'll spend all night there.

73, Al N2ZHS
Scotia, NY

In a message dated 10/10/99 5:36:19 PM Pacific Daylight Time, jimdurkin@yahoo.com writes:

<< Nils,
someone posted www.google.com as a place to answer the question "Is there a website for....?" Might try there.
Best of luck and 73,
Jim kt4a. >>

Date: Sun, 10 Oct 1999 21:17:31 -0400
From: "John J. McDonough" <jjmcd@tm.net>

To: <n2cx@voicenet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [52752] Re: Epson custom oscillators
Message-ID: <004101bf1386\$67115dc0\$010044c0@conor-mac-nessa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Joe,

Basically, I'm working on exactly that. So far it looks good, but I don't have a lab to test with. Also, I'm being pretty slow. I'm sending you separately, the schematic of my 2N2/40 mods to get on 20. Basically, I get a stable 9MHz VFO by mixing Jim's 2 MHz VFO (well, I moved it up to 2.2) with a 6.8MHz Epson oscillator. Being the nervous type, I added a little pi network to whack down the unwanted mixer products before I went into the buffer amp. Based on listening to the IF it seems to work out OK (right now I'm melting solder on the audio amp).

Sorry I can't post the schematic to the list but I'll get it on my 2N2/40 page sooner or later.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Joe Everhart <n2cx@voicenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, October 10, 1999 9:08 PM
Subject: Epson custom oscillators

>Group,

>

>The custom-programmed Epson oscillators have been mentioned a number
>of times lately. I have a neat (well, I think it is!) use in
>conjunction with the variable oscillator/multiplier circuit
>presented in my latest Quickie which, in turn is in the WA8MCQ IX
>column in the latest QRP Quarterly. Whew, what a mouthful!

Date: Sun, 10 Oct 1999 18:24:11 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <qrp-l@lehigh.edu>

Subject: [52753] OT: Looking for a used oscilloscope
Message-ID: <000701bf1387\$52af5c00\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Everyone,

I'm looking for a small scope in the 60 MHz and above range. Something small that I can lug back and forth from my workshop to the shack. Something like the Tek 465 would be great. Does anyone know of a mail-order place that sells used scopes? Going to hamfests is not possible for me.

I'm also looking for one of Steve Weber's spectrum analyzer adapters, if anyone has one for sale.

73,
Kory
AC6RN

Date: Sun, 10 Oct 1999 21:38:05 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [52754] Re: Paper chases & contest calendars
Message-ID: <003901bf1389\$450eac20\$923067d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nils,

For contest info go to: <http://www.hornucopia.com/contestcal/contestcal.html>

73 de Vince, VE3VFN.

Date: Sun, 10 Oct 1999 21:38:24 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [52755] ANOTHER GOOD SITE

Message-ID: <0.ab70a2fb.25329990@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Look up the <http://www.snap.com> page and plug in QRP. Has lots of stuff.
have fun.

Aron
N10DL/qrp

Date: Sun, 10 Oct 1999 20:04:49 -0600
From: Roy <marion@montana.com>
To: <qrp-1@Lehigh.EDU>
Subject: [52756] Signal generator
Message-ID: <199910110152.TAA03837@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Those of you looking at signal generators might find the SS engineering
Digital VFO usefull. I built the 1hz to 54mhz DDS VFO a couple of years ago
and it has filled my needs so far. No affiliation. Roy AB7CE

Date: Sun, 10 Oct 1999 22:22:12 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Michael Melland <badger@vbe.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52757] Re: 1st Vintage qrp contact !
Message-ID: <Pine.OSF.3.95.991010221932.9279E-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Oct 1999, Michael Melland wrote:

> I just had my first vintage qrp contact. Vintage in that I made it
> through all the noise and qsb on 7.122 to Walt, KF4YJQ in Clarksville,
> TN with my "new to me" Ten Tec PM3A Power Mite. Boy.... is that DC
> receiver wide <grin>..... but it works great and seems pretty sensitive

Heh Heh... man, doesn't that give you an appreciation for the work those
guys that had that as their only rig in 1972 had to go through for every
QSO? I like to put mine on the air once or twice a year and try for a
QSO just so that I never lose appreciation for superhets and crystal

filters :-)

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 10 Oct 1999 21:22:47 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <N10DL@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [52758] Re: Miles per watt
Message-ID: <006b01bf138f\$82fc7f20\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Let's see... Using this site, I checked out the distance from Dallas to Sao Paulo Brazil (well I'm close to Dallas and the PU2 I worked this afternoon on 10 PSK31 was close to Sao Paulo), is 5094 miles. My power was 2 watts. That's about 2500 miles per watt. Did I calculate that kinda right? Unless PEP power factors in and changes my real power output.

Dan WB5TKA

-----Original Message-----
From: N10DL@aol.com <N10DL@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, October 10, 1999 7:18 PM
Subject: RE: Miles per watt

>go to the <http://www.indo.com/distance> and put in the Lat/Lon or the city
>names and it will give you the answer.
>Aron Brown
>N10DL/qrp

Date: Sun, 10 Oct 1999 20:25:23 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [52759] Sweepstakes coming--reminder, & need advice
Message-ID: <000701bf138f\$e0a935a0\$61ab85ce@ekdave>

MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

As Chuck pointed out in a recent post, Sweepstakes' a'comin! This year there is a new twist to the exchange, in case you haven't seen--there are three additional values for the precedence. Of course, this means that none of the older (read *free*) versions of the popular logging software will be useful, since they don't handle the new precedence letters (at least the ones that I tried).

So, I need some advice. It's time for me to fork over some cash for a new contest logger. I need something that handles all the major contests, sends automated CW (I sent manually for SS last year--not gonna do that again!), works with the latest version of the SS rules, and can output the new Cabrillo format for the ARRL. Any recommendations? I've played with CT and TRLog. Anybody have the latest versions? Do they support the new SS stuff and Cabrillo?

Of course, I'll be working it QRP :-). Last year I did about 200 Q's in 12 hours. This year my goal is to work the whole test and get 400 or better.

Tnx fer the help --

73,

Dave AB0GO

Date: Mon, 11 Oct 1999 11:34:23 +0900
From: "Toru Kato" <jg1rvn@inv.co.jp>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [52760] NorCal trpoid kit
Message-ID: <000701bf1391\$3e241140\$90649dd2@jg1rvn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-2022-jp"
Content-Transfer-Encoding: 7bit

I just received NorCal troid kit.
It took four days trip from Sacrament.CA.

How nice it is ! I am planning to make LPF.
Thanks NorCal !

Toru Kato JG1RVN
Tokyo Japan
OCT-11-1999 11:35 JST

Date: Sun, 10 Oct 1999 22:02:57 GMT
From: waltk8cv@juno.com
To: n3byy@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [52761] Re: that noise on 40M
Message-ID: <19991011.013531.-234333.9.waltk8cv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Scott:

Could it be those MCI black boxes have gone DIGITAL and are on STEROIDS
??

Walt K8CV Royal Oak, Mi. Qrp-L# 935 Zombie# 188

On Sat, 9 Oct 1999 10:42:29 -0400 "Scott Howell" <n3byy@yahoo.com>
writes:
> what's so odd is that it takes up an incredible amount of bandwidth.
> I would
> sure like to know what it is. I've heard it many times before, but
> it just
> seems as though this time it was much worse. I can't imagine its a
> natural
> noise like some strange emissions from the sun or something like
> that. Its
> definately an intentional noise. I wonder if its some type of
> digital mode
> being used by a foreign goverment or something. Well I don't know,
> but can
> tell you its not local to me. I tried turning off the computer etc.,
> but
> definately didn't change anything. I thought that could have been
> it, but
> couldn't see why it would make that kind of noise.

> Well just one of many mysterries.
>
>
>
> > Scott and any interested folks.
> >
> > I first heard the buzzsaw at 0234 (10/9) at 7039.70 this time.
> > The time duration was a few minutes then heard it two more times
> before
>
>
> 73 de Scott/n3byy
> Laurel MD
>
>
> -----
> Do You Yahoo!?
> Bid and sell for free at <http://auctions.yahoo.com>
>

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 10 Oct 1999 22:49:17 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [52762] PHOTOVOLTAIC SHINGLES
Message-ID: <0.22071d1b.2532aa2d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I was watching BOB VILLA Sunday and he had a project where they were installing photovoltaic shingles on a shed for charging tools. His version had 8 shingles and provided 120 watts. They stated the shingles averaged about \$5 per watt. The shingles integrated nicely into the roof and regular shingles. They were set up for 12+ volt operation.

Unfortunately I missed the name of the company. I have contacted BOB VILLA's site and requested info on them. Maybe someone in the group may already have this info. WHEN THE INFO ARRIVES I WILL PASS IT ON. Have a super day...
Alan KB7MBI

Date: Sun, 10 Oct 1999 19:50:06 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [52763] Nov SS CW Heads Up Note
Message-ID: <19991011025007.20096.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

Let's do it. OK, here is the plan.

1. Get as many QRP-Lers and QRPers in general to work SS.
Let's set yet another record. The days are gone when there is only one QRP class station in some sections. So those of you that have been getting first place all these years --- watch out the hounds are a coming after you.....
2. Goal for the newbies --- work 200+ Qs (Qs is the term used by contestors to mean contacts. QSOs for those who don't work contests.) You may want to do more than 200 as a newbie you most likely will lose some points due to errors in copying through all the QRM and I do mean QRM. I'd go for 300 just to be sure.

If your code speed is below 20 wpm, this will take over 6 hours! Grueling work to say the least. You will be doing over 20 wpm at the end of this period. Guaranteed.

3. For the rest, the foxhunters et.al. do the full 24 hours or until the brain totally shuts down and it will if you are out of shape, both mentally and physically. You can never call a contestor a wimp!! :-) The good ones can do it and go to work the next day without a headache.
4. Now this doesn't count if you do this and then don't submit the log. You can do this electronically. Read the ARRL web page <http://www.arrl.org/> and QST and after the contest I will post how to email the results in and the format.

It helps if you have a logging program like CT or NA to do this. No time here to show you all the features, but you will reduce your work load during and after the contest by several orders of magnitude by using the best software around and it won't come cheap. In the neighborhood close to \$75 just for the software, but if you do contests throughout the year it is money well spent.

Don't cut corners here.

OK. Now here is how you train in a short time if you have never done this. You have about 4 weeks, so here is one program that may help.
K7QO Special:

1. Turn on the receiver at all hours of the day when you have some free time.
2. Go to 10 meters and start there. Then work your way down.
3. Go to the lowest frequency your license will allow you to work on the band, say 28.000MHz if you are an Extra. Slowly tune up the band. When you run across a station or QSO. Copy one of the calls. If the guy/girl is in the middle of a long tirade, note the freq and tune on.

If you run across a DX pileup. Copy as many calls as you can.

Then move on. DO NOT SPEND MORE THAN 15 seconds on any frequency.

When you get to the top of the band or say 60 KHz up from the bottom, then you have two choices --- a) start back down again or b) go to the bottom and start back up. I alternate between the two during a contest. I'll write up why if there is enough interest. Think about a river with canoes and some are moving up and some are moving down. If you go one way you might miss some going the other way.

This technique of moving from station to station is called S&P (search and pounce). You search for a station to work and you pounce on them like a cat after a mouse, work them and then move on. In this exercise, just copy their call and move on unless you just want to work them if they are calling CQ.

4. After you've heard all there is to hear on 10 meters or 10 is dead, move to 15m, then 20m, etc. Do the above on each band.
5. Do this daily. Learn which bands are open and for what time periods. Which area of the country do you hear? Make a map, chart, whatever turns you on and works for you. You are learning where to catch certain sections during SS.
6. Get QST, or search the web for the ARRL sections and learn their PROPER abbreviations. Learn which section you are in

and ITs proper abbreviation. You will get some hate mail after the contest or nasty calls for repeats during the test. Probably not, but you never know in this day and age. I'll post the abbreviations and sections just before SS or someone else will.

7. Go to QRZ or Buckmaster and look up the calls you heard. See what part of the country they are in and see if you can guess their section.
8. Do the antenna work now before the first snow. I have to go back to the site that I'll be using to do antenna work after Pacificon. The 40 meter beam is in the phone band and I don't think I'll be doing phone.... ;-) ;-) :-)
Can you imagine a Texan doing Phone SS? I didn't think so... The antenna system will make or break you during the test.
9. This contest is a test of your equipment and you. It is not for the faint of heart. If you have been doing the ARS Sprints, FISTS sprints, ARCI QSO parties, the FOXHUNT (tm), etc. they are a cake walk compared to this contest. And it is a contest, no doubt about it.

Now there is a political reason for this exercise. If we as a group can get significant attention at ARRL HQ as a viable group there may be a chance that we'll be heard when we go to SCMs etc. and want something like a digital free QRP zone. Otherwise you can complain night and day to the choir and beat the dead horse to death and never get the problem solved by only complaining and listing problems on QRP-L. IMHO. Thought for the gray/grey matter.

FYI es cu n tst gl ur gonna need it :-)

K7QO AZ section

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>
All QSLs to Box 11840, Prescott, AZ 86304-1840
Waiting on FCC ULS to catch up on update(s).....

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 10 Oct 1999 19:50:22 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52764] Re: Nov CW SS QRP es KU7Y vs K7Q0
Message-ID: <Pine.GS0.4.10.9910101925300.11201-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 9 Oct 1999, Chuck Adams, K7Q0 wrote:

>
> Gang,
>
> It is my understanding that my old friend Ron, KU7Y, located
> in a suburb of Prescott, AZ (the burb being Reno and it's
> neighborhood) is going to do the annual attempt to beat other
> QRPers in CW SS in November. Duuuhhh!! Don't think so.

Ah my friends.....

Just check the results in QST for the last 2 SS tests.... :-)
KU7Y vs K5FO (Now the holder of K7Q0)

By the way Chuck, those dinners were GOOD!

> This a.m. Phyllis and I took the Explorer to 7,000' ASL to
> some undisclosed location to look at an antenna system to attach
> to the QRP rig this year. Two towers with Force 12s at high
> altitude. We are also taking about a large loop antenna and
> a tower used as a vertical on 160 meters and a sloper for 80 meters.
> :-) ;:-)

Only 2? And a few wires?

Sure makes me feel good to see you give up on that little
TX station.....None of his towers were over 200' I don't
think. Just didn't stand a chance!

At least now you should be able to give me a good run for
the money..... :-)

> As I have argued with QRPers before. Antennas antennas antennas....
> Spend the dough on antennas.

Yes, yes, yes!

> I sat down at a FT-1000MP, went to 15 meters and worked EU with
> 2W. Then worked VT with 1W.

Ho hum....I ran my FT-1000MP down to 15 mW, pointed my lonely little
Force 12 yagi, mounted so low that I have to duck to walk under
it, toward the PAC and worked a DS2 and a BA4.....

(My Force 12 is only up 85'.....doesn't even count in the world
of contest stations!)

> Life is good at 7,000' :-)

Life here in the valley at 5,000' ain't doing too bad but
could use more antennas.....

> FYI es KU7Y had better get to work. Film at 11.

Gotta clean the wire nuts and put a coat of wax on the
coax fittings. The FT 1000MP is full of S&P juice and the
FT 100 is getting a full load of CQ's installed tomorrow
night.

Then I'll just need to repair the rotor on the vertical
and I'll be all ready.....

With the move and all, where do I send the bill for dinner
this time Chuck?

:-)

Chuck and I will be sharing a room at Pacificon....guess
what we will be kidding about..... :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada.....

....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 10 Oct 1999 22:01:46 -0500 (CDT)
From: Adrian Weiss <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [52765] RE: CCD Halfwave Vert - Payoff = #97 on 30,
Message-ID: <Pine.SOL.4.03.9910102137040.11203-100000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

Forgive the need to share!

I don't know how many of you noticed Randy WJ4P's piece in the latest QRP QUARTERLY about the Knightlite's "Jouster" halfwave vertical. I'd seen this capacitive current distributed design before. Seein as how I've been agonizingly slowly climbing thru the '90's on 30m, I decided to give it a try primarily because my fullwave centerfed's sidelobe null is basically aimed at S.A. and the Carrib. where some cheap'n' easy countries are to be had. Several nights of comparing my version for 30m showed that the fullwave ctrfed always is superior (not by much -- not quite an S-unit most of the time) on EU where the fullwave is aimed. Exception was 5H3RK who was pulling better on the halfwave vert. Couldn't break the pile-up 2 nights anyhow. But did get KL7J lastnight when the fullwave was down in the mud. Tonight I tuned across YN6HM's freq up and down with the fullwave and didn't hear him, but switched to the halfwave ccd and found him. First call for #97!! WOW! Getting close.

OK. Is the ccd halfwave vertical a superior antenna? The fullwave ctr-fed shows a 1.9dB gain over a dipole up 50-ft or a halfwave, which is where it is. The ccd vertical ought to be around 2-3dB under a dipole. My subjective impression is that the two real antennas exhibit about that degree of difference in the fullwave's favored directions. But the ccd vert is definitely a very good investment for gaining coverage in the fullwave horizontal's null side lobes. I would not have worked (or copied without great difficulty) YN6HM on the fullwave tonight. Same with KL7J and 5H3RK.

What I'd really like to do is compare it with a quarterwave vertical, but my W6MMA for 30m is set aside for trying out

the cdd vert, so I can't compare them and be able to satisfy myself about the old 1/4 vs 1/2 -wave vertical question. But given my space problem, I'm not going to be able to set up the W6MMA vert with 16-30 radials AND the cdd vert at the same time for direct comparisons.

I will offer aslightly different view of the halfwave's need for radials, courtesy of ON4UN's analysis in LOW-BAND DX'ING where he says that short radials are not good for the halfwave vertical because the current field peak density occurs at 0.35 wavelength from the base of the antenna. Thus .25-wavelength radials do not do a good job of providing a low-resistance ground return path out where the current density is greatest. So radials have to be longer for the halfwave than the quarterwave vertical (0.1 wavelength x 16 is good). The quarterwave needs a lot of radials right around the highest current density that occurs right at the base of the vert. and increasing their length out into the minimum current regions beyond .25 wave is pointless.

Now, unfortunately, I'll only be able to stretch a couple of halfwave radials. Seems worth a try... The XYL just got back after dark from a trip -- two weeks of me laying down more and more radials for the different vertical testing projects. Boy, wait till she goes out to check the backyard after sunrise!!! :) Will she be able to follow her spring-trip-return resolution to let me enjoy my hobby now that there are about 24 more radials out there? I'm not betting either way. I'll just say something like: "But honey, I was so happy to see you at the airport and you were so happy to see me has something changed?" I've got all night to think up something better...

72 all!

Ade

Date: Sun, 10 Oct 1999 20:10:14 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [52766] KU7Y and K7Q0 contesting
Message-ID: <19991011031016.103.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

Don't let Ron lull you into a sense of security. I messed up royally last year. I won't go into details but during the test I wrote down some stuff to correct in the log. Forgot the list during the trials and tribulations of moving log from one computer to another (won't happen this year) and as a result lost a lot of points in the final results.

I will be practicing on the software before the test this year. Learned that just once a year won't cut it on the software and all its features. I have to learn to correct typos on the fly otherwise I may suffer the same fate as last year. We'll note this to the group this year and Ron will remind you just how well or badly I do this year. :-)

Going back to my previous post on the exercise. You need to do more than 200 Qs if you are new to the game or even old. Tree, N6TR, and the contest group has written a program to go through ALL the logs and cross check them. If you have a single character error in the line you lose the points. More if you miss the only station you worked in a section. So accuracy transcends speed this year. Just watch during the test.

Now don't worry. The other guys errors do not count against you. It's his responsibility to get your exchange correctly.

Go for it.

And Ron. I'll let you know at Pacificon which restaurant Phyllis and I will be enjoying this year or if you wanna up the ante we'll meet you and Carol half way for dinner. :-) ;-)

The warf in San Francisco sounds nice to me. ;-)

And I thought looking at the latest QST that the exchange was the same as last year. Last years software should work just fine unless I missed the boat while at the airport.

dit dit es cul

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>
All QSLs to Box 11840, Prescott, AZ 86304-1840
Waiting on FCC ULS to catch up on update(s).....

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 11 Oct 1999 03:31:38 -0400
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [52767] On the Road Again
Message-ID: <3801925A.9DCE4C61@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

In an earlier posting I indicated I would be in the Pittsburgh area this coming week....well, it's a little more West and South than Pittsburgh.

How about Waynesburg!

I'll be at SCI-Green (in Green County) very close to the West (By God) Virginia boarder. Staying at the Comfort Inn off of Exit 3 Rt. 79.

I'll be on 20 meters as I've already requested a 3rd floor room in the back facing the woods.

73 Rich K7SZ

Date: Sun, 10 Oct 1999 21:47:36 -0600
From: "Rod Cerkoney" <rlwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, <elecraft@qth.net>
Subject: [52768] Geographic Name Server Site
Message-ID: <01b701bf139b\$6173c960\$488711d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks:

With the recent talk on QRP-L about, mi/watt & how far is it. And, the DX mojo thing for K2'ers on the Elecraft reflector...I did a little web surfing today and came up with this:

<http://164.214.2.59/gns/html/index.html>

"The GEOnet Names Server (GNS) provides access to the National Imagery and Mapping Agency's (NIMA) database of foreign geographic feature names. Approximately 20,000 of the database's 3.5 million features are updated monthly with names information approved by the U.S. Board on Geographic Names (US BGN)."

Seems like the ultimate site for figuring out more about the exotic DX spots. Besides LAT/LON data you can query the server to return other information as well. What this site can do for you is left as an exercise to the web surfer. ;-)

While you are there check out the NIMA home page as well, pretty cool.

I was able to retrieve LAT/LON for Asbest, Russia; the location of UA9CES my most recent DX Q. I keyed the LAT/LON into my into my Garmin GPS, the result ~5700 mi! Not bad for a K2 at 5W into an attic dipole. Imagine what this rig can do with a real ant. ;-)

GOOD GOLLY MISS MOLLY THE K2 SURE KNOW HOW TO ROAR!! Sorry got caught up in the K2 music metaphor bit.

72/3 Rod, N0RC Down the Xmission Line, Out the Ant--Nothing but
DX!!!
da di dah

Date: Sun, 10 Oct 1999 20:58:36 -0700 (PDT)
From: "Jack Oakland, CA" <w6abc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [52769] FS:MFJ-9030 QRP Transceiver
Message-ID: <19991011035836.28909.rocketmail@web2103.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Have an MFJ-9030 Transceiver for sale. It is in like new condition. Will sell for \$135 Shipped conus. Just bought a multi-bander and have no need for this rig.

For info:

<http://www.mfjenterprises.com/transceivers/mfj9040.html>

72,
Jack

=====

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Sun, 10 Oct 1999 23:54:12 EDT
From: "John F Marranca, Jr" <jmarran@juno.com>
To: QRP-L@LEHIGH.EDU
Subject: [52770] MY NEW 6 METER BEACON....
Message-ID: <19991010.235330.4031.2.JMarran@juno.com>

Beginning October 13th, my new 6 meter beacon will be on the air from
FN03 here in Buffalo, NY. Please tell any or all 50 MHz enthusiasts.
Thanks.

72/73

John Marranca, Jr
KB2HSH

Support Amsat Phase 3D.....the future of Amateur Radio .

Date: Sun, 10 Oct 1999 23:58:11 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: "John F Marranca, Jr" <jmarran@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52771] Re: MY NEW 6 METER BEACON....
Message-ID:
<Pine.LNX.4.04.9910102357550.25165-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What frequency?

73,

Jim n2go

Date: Sun, 10 Oct 1999 21:04:08 -0700
From: Jim <w7ls@blarg.net>
To: "ARDUJENSKI@aol.com" <ARDUJENSKI@aol.com>, qrp-1@lehigh.edu
Subject: [52772] Solar shingles question
Message-ID: <380161B8.E35821DB@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. I found the site, or at least one that has contact info for those solar shingles. Click on <http://www.taunton.com/fh/features/materials/12solarrooft.htm> to see them. No idea if this stuff works or whatever. Just found the site.
Jim, W7LS

Date: Mon, 11 Oct 1999 00:10:35 -0400
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-1@lehigh.edu>
Cc: Mike Czuhajewski <wa8mcq@erols.com>, Buck Switzer <n8cqa@ttr.com>, Cam Bailey <kt3a@juno.com>, Chuck Adams <k7qo@hotmail.com>, Danny Gingell <k3tks@abs.net>, Hank Kohl <k8dd@contesting.com>, Jim Stafford <W4Q0@amsat.org>, Ken Evans <w4du@bellsouth.net>
Subject: [52773] Call for nominations: QRP Hall of Fame
Message-ID: <3801633B.4A22@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The October issue of the QRP Quarterly is on the streets, so now I can release this to qrp-1 as well.

QRP HALL OF FAME FOR 2000

It's that time again--we are now accepting nominations for possible inductions into the QRP Hall of Fame in 2000. (I hereby certify the QRP Hall of Fame as Y2K Compliant.) If you feel someone has had a significant impact on the QRP community through outstanding accomplishments (technical, operating, organizational, etc), it's time to nominate them for this honor. As usual, you have until the end of January to get your write-ups to me, WA8MCQ, via mail or e-mail. The nominations will be collected and sent to the voters, we'll take a week or so to discuss them before voting, and the inductees (if any) will be

announced at Dayton. (A 2/3 vote is required for induction.)

The voting body consists of the Board of Directors, President and Vice President. For the last 3 years we gave the QRP HoF members the option of voting if they wished, and several of them accepted. That option will be extended to selected members of the HoF this year, based on their past participation.

Nominations may be submitted by anyone, whether a member of the QRP ARCI or not. Similarly, membership is not required for someone to receive the honor, since this is an award to recognize those who have made great contributions to the QRP community, not just to the QRP ARCI.

If submitting a nomination, you must do more than simply toss out a name. We need to have a few paragraphs giving some details of the accomplishments, telling us why the person is worthy of being in the QRP Hall of Fame. Don't count on all of the voters knowing everything about your favorite QRP hero; you think they are worthy of the honor and it's your duty to convince us. In the past, it was not unusual to see comments to the effect that since someone didn't bother to write more than a line or two, then the nominee must not be very worthy of getting the vote.

While we have no list of specific requirements to meet for induction, we do have some guidelines. In general, nominees should be someone who has made significant contributions to QRP in one or more areas, and preferably things benefiting a large number of people. Long term contributions carry more weight than limited, short term ones. Nominees have a much better chance of induction if they have been actively serving the QRP community for an extended period of time, ie, several years. Naturally, the nomination letters should only include information on achievements that are related to QRP.

Send all nominations to me, WA8MCQ. Important: all inputs must be acknowledged by me! If you do not hear back from me in a short time, please assume that I never received it, and let me know. I'd hate to see someone lose out on the chance to be inducted because a letter or e-mail never got through.

As always, each nominee is judged on his/her merits; this is not a competition to choose the top two or three or whatever. There are no quotas and no limits. If the voters don't feel any nominees truly deserve the honor this time around, none will be inducted simply for the sake of having someone to announce at Dayton. On the other hand, if there are a dozen nominees and all are judged worthy, all will be inducted. (And we get a quantity discount on the plaques!)

The following, in alphabetical order, are the current QRP Hall of Fame

members; do not nominate them!

Chuck Adams, K5FO
Brice Anderson, W9PNE
Dave Benson, NN1G
Wayne Burdick, N6KR
George Burt, GM30XX
Jim Cates, WA6GER
L. B. Cebik, W4RNL
Tom Davis, K8IF
Doug DeMaw, W1FB (silent key)
Rev. George Dobbs, G3RJV
Paul Harden, NA5N
Wes Hayward, W7ZOI
Doug Hendricks, KI6DS
Roy Lewallen, W7EL
Rick Littlefield, K1BQT
Dick Pascoe, G0BPS
Randy Rand, AA2U
C. F. Rockey, W9SCH
Gus Taylor, G8PG
Adrian Weiss, W0RSP

Remember, if there is someone you feel is deserving of being inducted into the QRP Hall of Fame, you have until the end of January to submit a nominating letter to me. BTW, I prefer that they be done by private e-mail and not public posting on qrp-l. Two reasons: first, I just scan the html archives at lunchtime at work, and skip over most of the posts; I could very easily miss one. Second, qrp-l has more than enough traffic as it is, and we don't need to add to the clutter with dozens of "me too!" posts whenever someone posts a nomination :-)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Mon, 11 Oct 1999 00:32:44 -0400
From: The Boices <boice@bigfoot.com>
To: ARDUJENSKI@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [52774] Re: PHOTOVOLTAIC SHINGLES
Message-ID: <3.0.6.32.19991011003244.007a81a0@pop.megalink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 22:49 99/10/10 EDT, ARDUJENSKI@aol.com wrote:

>I was watching BOB VILLA Sunday and he had a project where they were

>installing photovoltaic shingles on a shed for charging tools.

Here's a 6 volt version, but they run about \$10 a watt. They also have PV roofing panels. NOTE: Some products sold by this firm are factory seconds, so just keep that in mind if you see an "unbelievable" price. They don't hide this fact, and are good folks to deal with. My factory blem 5 watt panel from them works fine, and even exceeds factory specs for new panels.

<http://www.solarelectricinc.com/products.htm> (look about 2/3 down the page).

72,

Mike Boice, KW1ND
New Gloucester, Maine FN43uw

Date: Mon, 11 Oct 1999 00:38:24 EDT
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [52775] Re: I smell a new name...
Message-ID: <0.b57a4e43.2532c3c0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/8/99 4:10:37 PM Pacific Daylight Time,
mitch96@pobox.com writes:

<< Maybe a Tuna Tin 2 with a Jersey Fireball amplifier should be called:>
> The Kahuna Tuna?

Needs some "Fire" into it,.....like.....
Fire Flinger Kahuna Tuna.....Big.....or something..
>>
The Big Firey Tuna?? you got me, lol.

73...Adam, N7YA

Date: Sun, 10 Oct 1999 23:40:19 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-1@lehigh.edu
Subject: [52776] HELP -- R1ANF/a -- where?
Message-ID: <199910110440.XAA13169@sunburst.usd.edu>

Hi gang

Does anyone know where R1ANF/a is?

Could barely hear him 239 on the fullwave, but 449-559 on the ccd halfwave vert and easy QSO.

Is there a WEB site where one can find the latest DXpeditions?

Tnx

72, Ade

Date: Sun, 10 Oct 1999 22:04:17 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52777] Re: HELP -- R1ANF/a -- where?
Message-ID: <Pine.GS0.4.10.9910102203360.11958-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is a good place to find info on DXpiditions:

<http://www.dailydx.com/search.html>

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 11 Oct 1999 01:03:30 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [52778] Re: 40 meters...contests
Message-ID: <0.8e66a149.2532c9a2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/9/99 3:40:36 PM Pacific Daylight Time,
rengelwb8uoj@juno.com writes:

<< My question is where is everybody that's NOT in the
contest at ??? >>

During contest weekends, most civilians will migrate to 30, 17 and 12 meters.
Many contest administrators prohibit contest operations on those bands out
of fairness to those who aren't swept up in the whole contest thing.

There seems to be a contest on every weekend these days (not that I mind),
but there are those who like the easier way of life in our hobby...they just
like to chat. the above mentioned bands may be the haven for those
folks...and rightfully so!! it is only fair.

Keep in mind that the end of November, the last weekend in fact, is the CQ
WW CW contest...a.k.a. "The Big Daddy!!!". the wise ragchewer and
noncontester would do well to avoid the 'main' HF bands during those
days...the WARC bands will bring no joy to the warriors so that's the place to
be!

....me? I'm going to be right in the middle of the battle slugging it
out...I have to, it's in my blood. But much respect to the non-combative
types...it takes all of us to make this hobby.

73...Adam, N7YA
C U in the WW test!!

Date: Mon, 11 Oct 1999 01:06:09 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [52779] 3, QRP-L Archive CD available
Message-ID: <Pine.OSF.3.95.991011005934.3131A-1000000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

What a mess...

While cleaning the shack today, I found THREE (3) QRP-L archive CDs
version 2.0! Brand new in the jewel box and ready to ship.

These three are all made in with the newer Universal Drive Format (UDF)
and will only work on true, multisession CD-ROM drives (usually those
faster than 24X). If you have a newer PC and don't have this info-packed
CD, this is your chance.

I don't need to keep 'em, \$10 each while they last.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Mon, 11 Oct 1999 01:14:17 EDT
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [52780] Re: On the Road Again
Message-ID: <0.bef372cb.2532cc29@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/10/99 8:36:06 PM Pacific Daylight Time, k7sz@epix.net writes:

<< How about Waynesburg!

I'll be at SCI-Green (in Green County) >>

Maybe you'll run into Wayne Greene. :-)

73...Adam, N7YA

Date: Mon, 11 Oct 1999 00:17:07 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-1@lehigh.edu
Subject: [52781] RE: R1ANF/a and Where to Find out
Message-ID: <199910110517.AAA20643@sunburst.usd.edu>

Hi gang:

I hit the

www.dailydx.com

site and located R1ANF as a russian base on King George Island lat. s.60-deg.

WOW!

Nr. 98 DXCC on 30m!

The site has a look-up service which searches all their back issues. Same for T30R etc. Seems everything is on the site as far as DX is concerned. Can subscribe to their daily news. Didn't check that out.

R1ANF is up to 579 peaks now after an hour. The halfwave vert is still an S-unit above the fullwave up 50-ft.

Reflection -- I had absolutely no business working R1ANF given his signal strength. It took 3 minutes to sort out his call at his 4/min QSO rate. How in the world did my 4-watts go the same distance and remain copiable to him?

Who CARES! #98!!!!

72, Ade

Date: Mon, 11 Oct 1999 01:33:51 EDT
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [52782] Re: R1ANF/a and Where to Find out
Message-ID: <0.fb9c36cf.2532d0bf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 10/10/99 10:18:24 PM Pacific Daylight Time, aweiss@usd.edu writes:

<< Reflection -- I had absolutely no business working R1ANF given his signal strength. It took 3 minutes to sort out his call at his 4/min QSO rate. How in the world did my 4-watts go the same distance and remain copiable to him?

Who CARES! #98!!!! >>
Congrats Ade!! thats great, I worked the sister station R1AND on Novogradsomethingorotherwhatever Base down there with an indoor horizontal "U" on my ceiling!! i just sat there stunned! He had a bunch of guys calling him, and he put them on hold and called "N7?? N7?? ONLY PSE KN KN"...i thought, what the hey, i called and he came back...that was my first Antarctic station ever! how did he ever hear lil ole me?? My log book pages have been looking really sweet lately...The last new one i logged was ZK3CW on the Tokelaus for #116...that was a really rare one back in the day (read Bob Locher, W9KNI, "The Complete DXer"...a whole section devoted to his club working in shifts on a round the clock watch to snag a ZK3 running on batteries, great book!).

Every new one is a victory!! enjoy your #98, Ade...with 2 more to go, things will get even more fun!! im pushing for the 200 plateau myself. good luck!

73...Adam, N7YA
Rare DX is the one you dont have.

Date: Sun, 10 Oct 1999 22:36:29 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52783] Re: KU7Y and K7Q0 contesting
Message-ID: <Pine.GS0.4.10.9910102215530.12048-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Oct 1999, Chuck Adams, K7Q0 wrote:

>
> I will be practicing on the software before the test this year.
> Learned that just once a year won't cut it on the software and
> all its features. I have to learn to correct typos on the fly
> otherwise I may suffer the same fate as last year.

All....

If you use contest software (and if you want to work more than a hand full of stations you really should!) be sure to work with it before the contest.

This sounds like a simple step but it's one that many of us forget to do!

I also lost a few QS0's due to pure logging errors. I entered corrections in the wrong order and lost some Qs....I know better this yera!

By the way, that's how we all keep improving is by screwing up and learning from it!

>
> Going back to my previous post on the exercise. You need to do
> more than 200 Qs if you are new to the game or even old. Tree,
> N6TR, and the contest group has written a program to go through
> ALL the logs and cross check them. If you have a single character

> error in the line you lose the points. More if you miss the
> only station you worked in a section. So accuracy transcends
> speed this year. Just watch during the test.

If you need to ask for a repeat do it. Don't worry about what
someone else might think. It's your score you are working on
and it's up to the other station to help you get it all logged
without errors.

> And Ron. I'll let you know at Pacificon which restaurant Phyllis
> and I will be enjoying this year or if you wanna up the ante we'll
> meet you and Carol half way for dinner. :-) ;-)
>

Sounds good to me!

> The warf in San Francisco sounds nice to me. ;-)

I think that little Basquo place in Tonopha would be good.
Called the MitzPha and I'm sure that is not even close to
the right spelling! :-)

Or even LV..... :-) Maybe eat some dead bird while pounding
on the table and watching the jousting!

> And I thought looking at the latest QST that the exchange was
> the same as last year. Last years software should work just fine
> unless I missed the boat while at the airport.

4.2. Precedence;

4.2.1 "Q" for Single Op QRP (5 Watts output or less);

4.2.2 "A" for Single Op Low Power (up to 150 Watts output);

4.2.3 "B" for Single Op High Power (greater than 150 Watts output);

4.2.4 "U" for Single Op Unlimited;

4.2.5 "M" for Multi-Op;

4.2.6 "S" for School Club;

The last 3 are new catagories. Seems that there are some other changes too.....a single op assisted catagory. Don't have the book here.

It's gonna be a fun contest.....

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Mon, 11 Oct 1999 00:38:11 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: aweiss@usd.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52784] Re: HELP -- R1ANF/a -- where?
Message-ID: <380177C3.1F041FD@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Ade Weiss W0RSP wrote:

> Does anyone know where R1ANF/a is?
>
> Could barely hear him 239 on the fullwave, but 449-559 on the ccd halfwave vert
> and easy QSO.

Antarctica or one of the south polar islands. IT is not a dxpedition. It is a Russian polar research facility of some kind.

> Is there a WEB site where one can find the latest DXpeditions?

<http://www.dx-central.com/>

73 de Dave, N0IT

Mark, KT4AV
in Kingsport, TN

Date: Mon, 11 Oct 1999 00:04:44 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52787] Modified Modified MRX40/TT2 Schematic
Message-ID: <000701bf13b6\$e5dced60\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Last one before QRPacificon folks! I added the new output filter that Dave Meacham came up with. It's not necessary to make the caps any larger since this first version he did passes the FCC requirements for harmonic radiation OK.

Schematic is at: <http://www.redhotradio.com/MRX40TT2.html>

Enjoy,
Dave Fifield, AD6A

Date: Mon, 11 Oct 1999 00:28:39 PDT
From: "Leon Heller" <leon_heller@hotmail.com>
To: mark@intermediatn.net, qrp-1@Lehigh.EDU
Subject: [52788] Re: Mixer Circuits: Build 'em or Buy em?
Message-ID: <19991011072839.31184.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Mark Bellamy" <mark@intermediatn.net>
>Reply-To: mark@intermediatn.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Mixer Circuits: Build 'em or Buy em?
>Date: Mon, 11 Oct 1999 02:53:26 -0400
>

>Do most QRP homebrewers build their own mixer circuits or buy
>them as a chip? Does anyone know a technical source that explains
>in detail how the popular 4 diode DBM circuits work? I have several
>good books but they don't explain in detail how they work.

You should find an explanation on the MiniCircuits web site. They make most of the diode DBMs used today.

73, leon

Leon Heller, G1HSM
Tel (work): +44 1327 357824
Tel (mobile): +44 79 9098 1221
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 11 Oct 1999 00:36:04 -0700
From: Jeff Grudin <grudin@vdb.com>
To: elecrafft list <elecrafft@qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [52789] Tokelau Is. 10W SSB on my K2!
Message-ID: <38019364.DD6FFB91@vdb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I thought that would get your attention.

Well I got good news and bad news.

I'll give you the bad news first. None of you will be the first to contact Tokelau Is. with your K2 on SSB (unless Wayne or Eric has and hasn't told me). I was the first tonight on 17 Meters. What is amazing is I have been trying for a couple of days on CW, but couldn't get through the pileups and with them working EU mostly. Then I was able to get through on SSB working split in a pretty good pileup.

Now, the good news, The SSB adapters are coming. I saw them with my very own eyes. The noise blankers and 160M adapters too.

I picked up my SSB kit on Sat afternoon. After bugging Eric every day on his repeater, he finally caved. My XYL and harmonic were in a concert that evening, so I was unable to work on it until today. It took about three hours to build the board. It is really cool and only 4 toroids to wind! (OK two are transformers). Wayne has done a great job again of writing a manual that walks you through putting it together. Eric has tweaked it to perfection.

I made a bunch of other changes while I had my K2 apart (one was the zero beat detector, thanks Jerry and Tom) , so I would estimate it will take another hour or so to do the work on the front panel.

The new firmware lets you drive it pretty comfortably up to 15W, and you can read the BFO Frequency directly when setting those filters. It should be way easier now.

But the sideband adapter is really cool, and I don't even like sideband that much. But now I can play when those SSB spots show up on the reflector. It activates the VOX and a tracking ALC functions. It has compression at variable levels, variable mic gain, and much more.

I used an old Kenwood 2M mobile mic. The setup was easy and it works great. The old Kenwood gave it 8V, but as Wayne said, it works fine at 5V. The Dwn button changes from VFO A to B.

So get ready....Here they come and it was worth the wait.

--

73 de AC6KW <mailto:grudin@vdbb.com>
Jeff Grudin, DVM Web Add: <http://www.vdbb.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Sun, 10 Oct 1999 22:33:28 -1000
From: "Art Neilson, AH6PZ" <art@hawaii.rr.com>
To: kory@avatar.com
Cc: qrp-l@lehigh.edu
Subject: [52790] Re: OT: Looking for a used oscilloscope
Message-ID: <3.0.6.32.19991010223328.008bd6e0@clients1.hawaii.rr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Check out Lew Coppes in Arizona, he runs a small company which deals in used test equipment for reasonable prices. I purchased a Tek 7603 from him and it is terrific. You can reach Lew at his email address

lcoppes@primenet.com

73's !!!

At 06:24 PM 10/10/99 -0700, you wrote:

>
>Hi Everyone,
>
>I'm looking for a small scope in the 60 MHz and above range. Something small
>that I can lug back and forth from my workshop to the shack. Something like
>the Tek 465 would be great. Does anyone know of a mail-order place that
>sells used scopes? Going to hamfests is not possible for me.
>
>I'm also looking for one of Steve Weber's spectrum analyzer adapters, if
>anyone has one for sale.
>
>73,
>Kory
>AC6RN
>
>
--

/) _/_ It is a capital mistake to theorise before one has data.
 /--/ __ / Insensibly one begins to twist facts to suit theories,
/ (_/ (_<__ Instead of theories to suit facts.
 -- Sherlock Holmes, "A Scandal in Bohemia"

Arthur W. Neilson III, AH6PZ
Bank of Hawaii Tech Support
art@hawaii.rr.com

Date: Mon, 11 Oct 1999 12:28:22 +0200
From: "Hans Sundstrom" <hans.sundstrom@telia.com>
To: <nilsbull@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52791] SV: Paper chases & contest calendars
Message-ID: <199910111028.MAA16065@d1o22.telia.com>

There is one really good page with all the contest info you could ask for:

<http://www.sk3bg.se/contest/index.htm>

I use it a lot.

73/72

Hans / SM4ATJ

>So without going to the SSA (Swedish Ham Radio Club) web site and asking
>sensibly, is there a web site that's got all this info up to date or not?
>

Date: Mon, 11 Oct 1999 05:53:41 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <N7YA@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [52792] Re: I smell a new name...
Message-ID: <027001bf13d7\$3b121380\$3366d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <N7YA@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, October 10, 1999 11:38 PM
Subject: Re: I smell a new name...

Hi Adam/Gang,

> In a message dated 10/8/99 4:10:37 PM Pacific Daylight Time,
> mitch96@pobox.com writes:
>
> << Maybe a Tuna Tin 2 with a Jersey Fireball amplifier should be called:>
> > The Kahuna Tuna?
>
> Needs some "Fire" into it,.....like.....
> Fire Flinger Kahuna Tuna.....Big.....or something..
> >>
> The Big Firey Tuna?? you got me, lol.

How about:

The Red Hot Kahuna Tuna. A play on Dave's Red Hot series :^).

The Fire Wire Kahuna Tuna

I like "The Kahuna Tuna," but everyone knows that you're nothing unless you are the Big Kahuna, so who about:

The Big Kahuna Tuna (my personal favorite).

I'm wondering when someone is going to come out with an antenna turner for this series and call it:

The Antenna Tuna :^).

72/73,

Randy Jouett, AB5NI

Date: Mon, 11 Oct 1999 11:11:41 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: N7YA@aol.com, qrp-1@Lehigh.EDU
Subject: [52793] Re: On the Road Again
Message-ID: <19991011111141.65347.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: N7YA@aol.com

>In a message dated 10/10/99 8:36:06 PM Pacific Daylight Time, k7sz@epix.net
>writes:

>

><< How about Waynesburg!

>

> I'll be at SCI-Green (in Green County) >>

>

>Maybe you'll run into Wayne Greene. :-)

>

> 73...Adam, N7YA

Now, THERE is somebody who NEEDS to be locked up!

73 Rich K7SZ

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 11 Oct 1999 06:10:09 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <dlh1009@ritvax.isc.rit.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52794] Re: What is "Manhattan Style"?
Message-ID: <027d01bf13d9\$5acda200\$3366d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, October 09, 1999 6:30 PM
Subject: Re: What is "Manhattan Style"?

Hi Dave,

> I've smelled the result of "burned" super glue (with a soldering iron)
> and it's quite acrid, but doesn't smell like almonds. More like ammonia.
> Burns the eyes and sinuses like ammonia, too.

Keep these fumes away from you, Dave! If you continue doing this, you could wind up having a "serious" eye, sinus, and lung problem -- minimum! Now that I think about it, you could also have other chemicals covering up the almond smell. Not cool!

> Venting outside the house is the best idea, but when I was a tech the
> standard procedure was to use a muffin fan on the bench blowing AWAY
> from the work while soldering.

Getting the fumes mixed with large amounts air surely helps cut back on the parts-per-million count of these nasty chemical compounds, Dave, but there are some chemical compounds that are so nasty that they can kill at 600 parts-per-million almost instantly! Basically, most of these ultra-nasties interfere with the workings of the nervous system, shutting down the lungs and other vital organs, and you're dead in 2-3 minutes.

Anywho, if you ask me, I think it's time to find a replacement glue for Manhattan construction, just to be on the safe side. We also might want to search the net and see if we can find out more about cyanoacrylate. Someone is bound to have done a study of this stuff, complete with spectral analysis of the stuff when burned (let's hope). I'll look around and see what I can find, and if anyone else out there does some searching, please post the results! I think that there probably is enough interest here in Manhattan construction and the use of cyanoacrylate that we should look into this matter deeply and let everyone know the results.

I'll also call my brother-in-law (microbiologist and chemist) and see what he says on the matter. I'll also see if he can post a message to QRP-L on the subject, or I'll type up a message with his response and post it.

BTW, does anyone know if you can address a message to QRP-L and have it reflected to all the guys of the list if you aren't a list member? I'd imagine that there is a list filter to not allow this because of SPAM?

I'm kinda' curious as to how the list servers operate (should be pretty simple), and I'd really appreciate it if someone out there in list land could e-mail the source, including headers and make file. Maybe I could hack some code and add a couple of additions to the QRP-L server?

How about a vote switch so we could vote on something? You get the idea.

> It would draw away rosin smoke, lead vapor, and all the other
> nasties without causing a direct stream to cool the work
> excessively or interfere with parts positioning.

Sounds good, Dave. Just make sure that smoke stream is going away from you, and you should be ok.

72/73,

Randy Jouett, AB5NI

Date: Mon, 11 Oct 1999 07:22:30 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>

To: ku7y@dri.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52795] Re: KU7Y and K7Q0 contesting
Message-ID: <4.1.19991011071646.00a275c0@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:36 PM 10-10-99 -0700, Monte Stark wrote:
>On Sun, 10 Oct 1999, Chuck Adams, K7Q0 wrote:

>
>> And I thought looking at the latest QST that the exchange was
>> the same as last year. Last years software should work just fine
>> unless I missed the boat while at the airport.
>

In SweepStakes not only have there been added Precedences, making it Q
A B U M & S, but there is also a new format for any kind of electronic
logs called the Cabrillo format. All of the major contest logging
programs, CT, NA & TR, are or have updated to include this output.
According to the contest desk at ARRL it is recommended for this
contest season and after this contest season it will be required.

So it looks like it's time to update that old contest logging program,
if you use one.

73 Hank K8DD

Date: Mon, 11 Oct 1999 06:29:44 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <mneverdosky@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52796] Re: Strange Noises
Message-ID: <02c301bf13db\$faa7cdd0\$3366d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, October 09, 1999 8:53 AM
Subject: Re: Strange Noises

> I don't know about the FCC but you can bet you last dollar that
> NSA, and RSA know exactly where it is coming from and probably
> know exactly what it is.

Yep!! Also, they more than likely knew when and where this
signal would appear LONG before it hit the airwaves.

> But then they would give up too much information on their
> intercept abilities by telling anybody.

Actually, practically anyone could reverse engineer this signal
and have a good understanding of the thing if they had the
time and money to experiment. Fortunately for whoever is
transmitting the signal, this would take some time, but there
are digital recording devices out there. Hmmm. The better
keep their transmissions short and sweet :^).

> too much fun

Well, I don't know about fun, but I'd have to quote Spock
here and say, "Fascinating" and "Intriguing." :^)

72/73,

Randy Jouett, AB5NI

Date: Mon, 11 Oct 1999 06:29:54 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52797] Re: I smell a new name...
Message-ID: <02c401bf13db\$fb89f070\$3366d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wrote:

> I'm wondering when someone is going to come out with
> an antenna tuner for this series and call it:

LOL! That should be "tuner," of course :^).

72/73,

Randy Jouett, AB5NI

Date: Mon, 11 Oct 1999 07:33:37 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: sjolin@swbell.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52798] Re: HELP -- R1ANF/a -- where?
Message-ID: <4.1.19991011072957.00aca980@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:38 AM 11-10-99 -0500, Dave Sjolin wrote:

>Ade Weiss W0RSP wrote:

>

>> Does anyone know where R1ANF/a is?

>>

>> Could barely hear him 239 on the fullwave, but 449-559 on the ccd

>halfwave vert

>> and easy QSO.

>

>Antarctica or one of the south polar islands. IT is not a dxpedition. It

>is a Russian polar research facility of some kind.

>

>From PacketCluster:

R1ANF is at King Sejong, a Korean Base, King George Is, South Shetland,
Antartica.

QSL via RK1PWA.

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Mon, 11 Oct 1999 07:43:14 -0400
From: "Dieter Gentzow - WB8QYY" <wb8qyy@one.net>
To: <rules@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [52799] Re: What is "Manhattan Style"?
Message-ID: <001601bf13dd\$e303cb00\$6401020a@lsiindustries.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ref superglue substitute,
Use double sided sticky tape
works fer me...

73

Dieter (DIZ) Gentzow - WB8QYY
Loveland, Ohio (NE Cincinnati suburb)
FPqrp#1 QRP-L#1998 10-X#9389 CATT#26 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

----- Original Message -----
From: Randy Jouett <rules@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, October 11, 1999 7:10 AM
Subject: Re: What is "Manhattan Style"?

>
> ----- Original Message -----
> From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Saturday, October 09, 1999 6:30 PM
> Subject: Re: What is "Manhattan Style"?
>
>
> Hi Dave,
>
> > I've smelled the result of "burned" super glue (with a soldering iron)
> > and it's quite acrid, but doesn't smell like almonds. More like ammonia.
> > Burns the eyes and sinuses like ammonia, too.
>
> Keep these fumes away from you, Dave! If you continue doing
> this, you could wind up having a "serious" eye, sinus, and lung
> problem -- minimum! Now that I think about it, you could also
> have other chemicals covering up the almond smell. Not cool!
>

> > Venting outside the house is the best idea, but when I was a tech the
> > standard procedure was to use a muffin fan on the bench blowing AWAY
> > from the work while soldering.
>
> Getting the fumes mixed with large amounts air surely helps
> cut back on the parts-per-million count of these nasty chemical
> compounds, Dave, but there are some chemical compounds that
> are so nasty that they can kill at 600 parts-per-million almost
> instantly! Basically, most of these ultra-nasties interfere with the
> workings of the nervous system, shutting down the lungs and other
> vital organs, and you're dead in 2-3 minutes.
>
> Anywho, if you ask me, I think it's time to find a replacement
> glue for Manhattan construction, just to be on the safe side.
> We also might want to search the net and see if we can find
> out more about cyanoacrylate. Someone is bound to have
> done a study of this stuff, complete with spectral analysis
> of the stuff when burned (let's hope). I'll look around and see
> what I can find, and if anyone else out there does some
> searching, please post the results! I think that there probably
> is enough interest here in Manhattan constuction and the
> use of cyanoacrylate that we should looke into this matter
> deeply and let everyone know the results.
>
> I'll also call my brother-in-law (microbiologist and chemist) and
> see what he says on the matter. I'll also see if he can post a
> message to QRP-L on the subject, or I'll type up a message
> with his response and post it.
>
> BTW, does anyone know if you can address a message
> to QRP-L and have it reflected to all the guys of the list
> if you aren't a list member? I'd imagine that there is a
> list filter to not allow this because of SPAM?
>
> I'm kinda' curious as to how the list servers operate
> (should be pretty simple), and I'd really appreciate it if
> someone out there in list land could e-mail the source,
> including headers and make file. Maybe I could hack some
> code and add a couple of additions to the QRP-L server?
> How about a vote switch so we could vote on something?
> You get the idea.
>
> > It would draw away rosin smoke, lead vapor, and all the other
> > nasties without causing a direct stream to cool the work
> > excessively or interfere with parts positioning.
>
> Sounds good, Dave. Just make sure that smoke
> stream is going away from you, and you should be ok.

>
> 72/73,
> ----
> Randy Jouett, AB5NI
>
>

Date: Mon, 11 Oct 1999 14:09:05 +0200
From: "Robert M. Ganter" <hb9dnn@gmx.net>
To: qrp-1@Lehigh.EDU
Subject: [52800] Not directly QRP: HP universal counters
Message-ID: <199910111209.0AA01784@scts98.ens.ascom.ch>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

Hi QRPers,

this is not directly a QRP related question, but:

I have the opportunity to get one of two HP universal counters, model HP5328A or HP5335A. Which one should I take? Money is not problem, the price is symbolic anyway (i.e. cheap!). I assume that the HP5335A is more versatile (i.e. You can add a 1.3GHz option), but maybe there are some other things to consider.

Thanks for You help

72

Robert
--=20

Robert M. Ganter HB9DNN

Date: Mon, 11 Oct 1999 08:10:25 -0400
From: "Harry Hurst" <hhurst@delaware.infi.net>
To: <N10DL@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52801] RE: Miles per watt
Message-ID: <000201bf13e1\$999659c0\$0930fcd1@upstairs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

<http://www.indo.com/distance>

Thanks Aaron.

Worked I1MMR in Genoa last week on 7030 KHz, 1660 miles-per-watt using the 2.5 watts output from my TT 1340.

Makes me wonder how low I can go and still be heard. Gotta look into this milliwatting.

At 100mw, DX would be working Ohio!

72

Hap, WA3PTG

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> N10DL@aol.com

> Sent: Sunday, October 10, 1999 8:18 PM

> To: Low Power Amateur Radio Discussion

> Subject: RE: Miles per watt

>

>

> go to the <http://www.indo.com/distance> and put in the Lat/Lon or the city
> names and it will give you the answer.

> Aron Brown

> N10DL/qrp

>

Date: Mon, 11 Oct 1999 08:15:34 -0400

From: Bruce Muscolino <w6toy@erols.com>

To: k7qo@hotmail.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [52802] Re: KU7Y and K7Q0 contesting

Message-ID: <3801D4E6.48CB@erols.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Chuck, and gang,

One point you haven't mentioned anywhere is the awarding of PINS to those who have over 200 Qs. For 40 years I studiously avoided SS weekend because it was just too much trouble for a piece of wall paper. Then Bob White, W03B, told me you could get a pin for making 200 QSOs. I was hooked. Now i have two of them. I missed last year because of the hip operation, but I'll be back this year!

73

Date: Mon, 11 Oct 1999 05:28:22 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [52803] mW island expedition ALERT for tuesday
Message-ID: <19991011122822.8925.rocketmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I'm watching the WX carefully, but have scheduled my 3rd "Goodby to Summer" expedition for tuesday Oct 12th.

Lets say I will be setup and on the air by 1:30PM tueasday afternoon, and operate 1 1/2 - 2 hours.

As in the first two island expeditions, I will be running <1 watt. Up to 730mW, and as low as I can go!

Portable station consists of QRP+, WM-2, & 20/15M vertical held up by my 20' Black Widow collapsable fishing pole. Powered by C cell nicad btry packs.

Hope to hear some of you'all. de Jim KJ5TF
PS - I'm open to playing QRP Limbo again if anyone wants to try!

=====
Ham radio/alt energy <http://www.qsl.net/kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Arkansas QRP Club #2

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Mon, 11 Oct 1999 08:31:04 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52804] Re: KU7Y and K7Q0 contesting
Message-ID: <Pine.3.89.9910110843.A8762-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 Oct 1999, Bruce Muscolino wrote:

>
> One point you haven't mentioned anywhere is the awarding of PINS to
> those who have over 200 Qs. For 40 years I studiously avoided SS
Another achievable goal is the "Clean Sweep" mug. Can be earned on
either mode... One year, a few back, they offered whisk brooms. :-)

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 11 Oct 1999 08:39:50 -0400
From: John Mckee <JMckee@RFMD.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [52805] more TT2 output filters
Message-ID: <7FB99EBE9DAD211956F006094253FD916F300@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I built a 30m QRP transmitter based on the TT2. Instead of using a
broadband transformer, I used the pi filter to
do the impedance matching. I used dead-bug style construction. The values
for the output filter (at 10.1MHz)
are: Q2 collector=370pF (330pF || 39pF), L=1.42uH, Connector side=220pF.
I fed Vcc from the low-Z side, through an
rf choke wound on a T-50-61 core.

The output power is 300mW at 12.6V (R&S NRVS power meter). Second harmonic
suppression is 33dB. Third is about 40dB.

Seemed like good results. Then I connected an active HF probe (HP) to the spectrum analyzer (HP8560) to see what the harmonics looked like at the output transistor collector. At the transistor collector, the second harmonic is 26dB below the fundamental and the third is only 18dB.

Here's something to think about. Why is my second harmonic 26dB below the fundamental when others have reported levels closer to 16dB. There were several postings about second harmonic levels but I don't remember who made them. Does the harmonic level have anything to do with the output transistor driving a transformer vs. a pi filter? More food for thought I guess. All the capacitor and resistor values in my transmitter are the same as the original TT2. The only difference is the output match and filter.

73,

John WB4OFT

Date: Mon, 11 Oct 1999 06:44:04 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: jhenshaw@bellsouth.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52806] Re: PC Board Tinning Solution
Message-ID: <3801DB94.F63CC127@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jerry Henshaw wrote:

> Hi Gang,
>
> In a former life, I used to lay out printed circuit boards
> for a living.... back in the cut and paste days... black
> tape and donuts.

Been there and done that, and I don't miss it at all!

>
> I am in the process of building Jim Kortge's 2N2/40

> rig and I wanted to tin the PC board before starting
> construction. Does anyone know a source for the
> tinning solution?

You are probably referring to an electroless tinning solution that will tin plate clean copper. It is available from several sources. The Jameco catalog lists a product called TINNIT in 1/2 gallon size, part no. 70480, for \$15.95. I have used a similar product in the past--works much better when heated up a bit. Makes a nice tinned finish when used properly.

Good Luck

Bruce kk7zz

Date: Mon, 11 Oct 1999 08:46:49 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [52807] Re: What is "Manhattan Style"?
Message-ID: <3801DC39.BA569CC5@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Randy Jouett wrote:

> > I've smelled the result of "burned" super glue (with a soldering iron)
> > and it's quite acrid, but doesn't smell like almonds. More like ammonia.
> > Burns the eyes and sinuses like ammonia, too.
>
> Keep these fumes away from you, Dave! If you continue doing
> this, you could wind up having a "serious" eye, sinus, and lung
> problem -- minimum! Now that I think about it, you could also
> have other chemicals covering up the almond smell. Not cool!

Randy,

You're telling me! I make it a point to avoid heating super glue, and I ALWAYS stay away from the result. Just reporting on an early experience.

> Anywho, if you ask me, I think it's time to find a replacement
> glue for Manhattan construction, just to be on the safe side.

I think it's one of those things that we could still use with proper

care. I haven't experienced any glue vaporization with the couple of Manhattan projects I've done so far. But, if someone wants an alternative, Dieter, WB8QYY, suggests double-sided tape.

> We also might want to search the net and see if we can find
> out more about cyanoacrylate. Someone is bound to have
> done a study of this stuff, complete with spectral analysis
> of the stuff when burned (let's hope). I'll look around and see
> what I can find, and if anyone else out there does some
> searching, please post the results! I think that there probably
> is enough interest here in Manhattan construction and the
> use of cyanoacrylate that we should look into this matter
> deeply and let everyone know the results.

The Truth is Out There (tm). Cyanoacrylate was developed as an instant skin suture for use in battlefields. It was never approved for medical use in America because something in it can impair liver or kidney function. (I forget which.) I believe a variation HAS been approved in Canada, however. Anyway, there must be data on it somewhere, if it was tested for medical applications.

> BTW, does anyone know if you can address a message
> to QRP-L and have it reflected to all the guys of the list
> if you aren't a list member? I'd imagine that there is a
> list filter to not allow this because of SPAM?

Nope. A few months ago I re-registered from my home account (hinermad@worldnet.att.net) but the AT&T Web-based mail reader I use from work insists on using (hinermad@att.net) as the return address. Either one will reach me, but the list server didn't recognize it and bounced it.

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Mon, 11 Oct 1999 08:53:50 -0400
From: "Richard Brummer, K2REB" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [52808] Re: KU7Y and K7QO contesting
Message-ID: <008a01bf13e7\$ab8a3d80\$3605b3d8@default>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

October QST, page 88 and ARRL website both indicate the availability of PINS for 100 contacts for CW or Phone.

Perhaps a more attainable level for "newbies," or anyone else, for that matter.

73,

Dick K2REB

-----Original Message-----

From: Bruce Muscolino <w6toy@erols.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Monday, October 11, 1999 8:19 AM

Subject: Re: KU7Y and K7Q0 contesting

>One point you haven't mentioned anywhere is the awarding of PINS to
>those who have over 200 Qs.

Date: Mon, 11 Oct 1999 08:04:37 CST
From: "Tim Stabler" <tstabler@iunhaw1.iun.indiana.edu>
To: qrp-l@lehigh.edu
Subject: [52809] Re:
Message-ID: <726AE53461@iunhaw1.iun.indiana.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

Going through stuff I had at the house, I found a Millen Transmatch Junior, Type 92201. Can't put my hands on the manual right now, though. Does anyone have an idea how to set this unit up? I llooked at a MFJ manual online and figured that I would first set the coil for the frequency I want to operate and have the two tuning caps at about midrange. But then what? What is the "high-low" used for?

Please Email me directly if you have any info.

Thanks.

Tim

WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718
FAX: (219)980-7125

Date: Mon, 11 Oct 1999 09:03:00 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [52810] Re: more TT2 output filters
Message-ID: <3801E004.CC03B6E1@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

John Mckee wrote:

> what the harmonics looked like at the output transistor collector. At the
> transistor collector, the second
> harmonic is 26dB below the fundemental and the third is only 18dB.
>
> Here's something to think about. Why is my second harmonic 26dB below the
> fundemental when others have
> reported levels closer to 16dB. There were several postings about second
> harmonic levels but I don't remember
> who made them. Does the harmonic level have anything to do with the output
> transistor driving a transformer
> vs. a pi filter?

John,

Any periodic (repeating) signal is made up of one or more sine waves of varying amplitudes and phase relationships, all harmonics of the fundamental frequency. A square wave (which is the ideal output of a class C amplifier, since the transistor is mainly being used as a switch) is made up of the fundamental frequency and all odd harmonics. The 2nd and other even harmonics are non-existent in a pure square wave.

Obviously the signal at the collector of your final isn't a square wave, but I'm not surprised that the 2nd harmonic is lower than the 3rd. (How do the 4th and 6th look?) This is convenient from the radio builder's

standpoint - a simple low-pass filter will have less attenuation at the 2nd harmonic than at the 3rd, but not as much attenuation is needed there.

The exact waveform at the collector is dependent on the type of circuit it's in. I hope some of the experts on the list can explain what effects the pi vs. transformer loading will have. (I'm anxious to learn myself.)

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Mon, 11 Oct 1999 08:24:26 -0500
From: Mark Arvidson <MarkA@entitysystems.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52811] RE: New Altoids Tin
Message-ID: <64FC778EDFFD211BDF500902762657922D162@mailhost.entitysystems.com>
MIME-Version: 1.0
Content-Type: text/plain

On Friday, October 08, 1999 7:33 PM, K2UD@aol.com [SMTP:K2UD@aol.com] wrote:

> Just spotted tonight. Altoids Curiously Strong Cinnamon Mints. Same great

> size tin, unknown taste (I cheaped out).

>

> The tin has a warmer motif over the other two flavors.

>

> 72 all

>

> Howard Kraus, K2UD

There's also a QRP version of the regular Altoids tin out. It's called the Tiny Tin. About the size of a 9V battery. Perfect for SMC projects?

--Mark, KB0SPQ/5

Date: Mon, 11 Oct 1999 09:43:01 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: <kd1jv@moose.ncia.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [52812] RE: Hamfest goodies

Message-ID: <000101bf13ee\$8a09b760\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sounds good Steve!

I'm sorry i missed you there, and didn't get a chance to show you my 2N2/40.

My goodies included a pair of brand new Beckman 10 kohm 10-turn pots, both for a five spot.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Steven Weber
Sent: Saturday, October 09, 1999 12:55 PM
To: Low Power Amateur Radio Discussion
Subject: Hamfest goodies

Howdy,

Just back from the fall edition of the Rochester, NH "Hosstraders" swap meet, where as usual, I spent more than I should have, but less than I could have :-)

Best find was new Teladyne spdt relays in a T0-5 can, a dollar each. I picked up 20. These will be real handy for making a bank of switched band pass fitlers. Been hoping to find some of these for years.

Broke down and bought 100 ft of 75 ohm laddder line, that should be interesting stuff to try. Probably use it to feed my 20/40 field trap dipole.

And one just has to buy some junk, this time it was a chopped down ARC-5, just the VFO part and tuning cap left. The middle of the rig is missing. But heck, the tuning cap alone is worth the 5 bucks and the way it's packaged could make for a unique looking QRP rig!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Mon, 11 Oct 1999 09:48:12 EDT
From: ARDUJENSKI@aol.com
To: cotton@wmich.edu, qrp-1@lehigh.edu
Subject: [52813] Re: PHOTOVOLTAIC SHINGLES
Message-ID: <0.c5312510.2533449c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

JIM,
Thanks for the info....Alan KB7MBI

In a message dated 10/11/99 05:04:56, you wrote:

<<The brand name is uni-solar...

<http://www.ovonic.com/roof.html>

Jim Cotton, N8QOH		jim.cotton@wmich.edu
Western Michigan University		Phone: (616) 387-6421
Network Systems Group		Fax: (616) 387-5473

On Sun, 10 Oct 1999 ARDUJENSKI@aol.com wrote:

>I was watching BOB VILLA Sunday and he had a project where they were
>installing photovoltaic shingles on a shed for charging tools. His version
>had 8 shingles and provided 120 watts. They stated the shingles averaged
>about \$5 per watt. The shingles integrated nicely into the roof and regular
>shingles. They were set up for 12+ volt operation.

>

>Unfortunately I missed the name of the company. I have contacted BOB VILLA's
>site and requested info on them. Maybe someone in the group may already have
>this info. WHEN THE INFO ARRIVES I WILL PASS IT ON. Have a super day...

>Alan KB7MBI

>>>

Date: Mon, 11 Oct 1999 06:58:08 -0700 (PDT)
From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52814] Noise
Message-ID: <19991011135808.9416.rocketmail@web1105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a noise problem and need help. Haven't ever had to trace the noise source before and so I don't even now where to start. I did turn the breaker supplying the house off and the noise was still there.

It must be someone else in the area. I live on a lake and there is only several houses whenin a half mile or so. The noise seems to be from below 30 meters to above 15 meters. I thought at first it was power line but know I don't think so because early in the morning it it off. What I am looking for is some kind of directional antenna that would help me pinpoint the source. Also I am looking for any books or text that describes the tracking down of noise sources. Thanks for everyones help.

Dave Pomeroy KL0TE/8

=====

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Mon, 11 Oct 1999 10:06:38 -0400
From: Tim <drboom@bright.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [52815] Manhattan style Glue
Message-ID: <3801EEEEE.A5E6BAF5@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

What about the other super glue, aka 5 minute epoxie....a possible alternitive to super glue?

Just an idea....

73

Tim NM8Y

QRP: Quality Radio People

Date: Mon, 11 Oct 1999 10:24:15 EDT
From: charles k brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [52816] \\Radio Frequency Interference\\
Message-ID: <19991011.142221.7431.2.n4so@juno.com>

>From ARRL bookstore
Radio Frequency Interference- How to Find it and Fix It.
This has been updated to the current title of The ARRL
RFI Book- Practical Cures for Radio Frequency Interference. ARRL order
number 6834 \$20.
If the RFI is power- line Interference Handbook by
William Nelson Order number 6015 \$14.
1-888-277-5289
Publication Sales E-mail pubsales@arrl.org

Questions on RFI can be forwarded to Ed Hare, W1RFI ehare@arrl.org

DX on 10 Mhz
Opening to Far East JF60JX Tad in Yokohama 10.107
at 1243Z worked on the TS-850 and a dipole antenna.
DX on 14 Mhz
AH8N American Samoa 14.030 at 0352Z worked Noni on the NC-20 at 5 watts
and 4 el. beam.

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 11 Oct 1999 14:47:26 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [52817] Re: I smell a new name...
Message-ID: <199910111445.JAA26334@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Or of course:

TunaFire
FireBallTuna

or
The Tuna Tin Two Fireball (T4F)

: -)

Larry KA5T

On Mon, 11 Oct 1999 00:38:24 EDT, N7YA@aol.com wrote:

>In a message dated 10/8/99 4:10:37 PM Pacific Daylight Time,
>mitch96@pobox.com writes:
>
>>...
> > The Kahuna Tuna?
>
> ...
> Fire Flinger Kahuna Tuna.....Big.....or something..
> >>
>The Big Firey Tuna?? you got me, lol.
>...

Date: Mon, 11 Oct 1999 08:49:32 -0600
From: Dave Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [52818] Re: Sweepstakes coming--reminder, & need advice
Message-ID: <3.0.6.32.19991011084932.007a6330@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

On the advice of nearly all the replies to my original query, I've purchased and received (via email) the latest version of TRLog. Now, it's practice, practice, practice...

73,

Dave AB0GO

Date: Mon, 11 Oct 1999 08:55:34 -0600
From: Roy <marion@montana.com>
To: <qrp-l@Lehigh.EDU>
Subject: [52819] fox logging
Message-ID: <199910111501.JAA10074@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am a fox this season and am looking for a computer program to use for the log. Any suggestions? Tnx Roy AB7CE

Date: Mon, 11 Oct 1999 15:38:46 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [52820] Re: more TT2 output filters
Message-ID: <199910111537.KAA00655@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On Mon, 11 Oct 1999 08:39:50 -0400, John Mckee wrote:

>I built a 30m QRP transmitter based on the TT2. Instead of using a
>broadband transformer, I used the pi filter to
>do the impedance matching. I used dead-bug style construction. The values
>for the output filter (at 10.1MHz)
>are: Q2 collector=370pF (330pF || 39pF), L=1.42uH, Connector side=220pF.
>I fed Vcc from the low-Z side, through an
>rf choke wound on a T-50-61 core.
>...

John:

Can you tell us what impedances you were transforming? I am assuming that you are using 240 ohms at the collector and 50 ohms at the antenna, right? Also what calculation are you using to generate the PI net values?

I'm having a devil of a time duplicating the calculations so I assume you are

using
something other than those in the ARRL handbook. Can you give us a reference?

Of course I have had the same problem with other PI net mods and
so am trying to track down the cause of my discrepancies... :-)

Larry KA5T

Date: 11 Oct 99 16:00:18 America/Fort_Wayne
From: M Goins <mgoins@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [52821] re: tower needed
Message-ID: <19991011160018.14229.qmail@aw164.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Sorry for the re-post, but I had a message from someone (N5, I think). I =
got a
glimpse of it before the e-mail crashed and I lost it. If you sent me an
e-mail about tower you have, please redo. All is okay now. Thanks. - Mike=

wb5yjx

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Mon, 11 Oct 1999 10:58:52 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <dlh1009@ritvax.isc.rit.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [52822] Re: What is "Manhattan Style"?
Message-ID: <002f01bf1401\$ec77f2f0\$5166d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, October 11, 1999 7:46 AM
Subject: Re: What is "Manhattan Style"?

Hi Dave/Gang,

> You're telling me! I make it a point to avoid heating super glue, and I
> ALWAYS stay away from the result. Just reporting on an early experience.

Ok. Cool. This stuff is to be avoided when vaporized! Better
safe than sorry, as the say.

> > Anywho, if you ask me, I think it's time to find a replacement
> > glue for Manhattan construction, just to be on the safe side.
>
> I think it's one of those things that we could still use with proper
> care. I haven't experienced any glue vaporization with the couple of
> Manhattan projects I've done so far. But, if someone wants an
> alternative, Dieter, WB8QYY, suggests double-sided tape.

I thought about this for a while, and maybe we could still
use it if we put some single-sided tape over the pad, trimmed
it, and then glued the pad down. When the glue dries, all
we have to do is remove the tape and start soldering.
This would keep the glue off of the top of the pad, making
sure we didn't heat the stuff up and get it air bound.

As far as the double-sided tape goes, it sounds like a great
idea, but it won't hold up in this neck of the woods and other
high-humidity areas. Double-sided tape just falls off after a
couple of months, even if it uses the best semi-stick glue in
the world. The vast majority of the glued head-liners in cars
come falling down on your head -- aggravating, to say the
least! -- and automobile speakers come unglued after a few
years of use. Great idea, but not applicable down here in the
swamps :^).

> The Truth is Out There (tm). Cyanoacrylate was developed as an instant
> skin suture for use in battlefields. It was never approved for medical
> use in America because something in it can impair liver of kidney
> function. (I forget which.)

Hmmm. This means that we "really" don't need to be getting
this stuff when it's air bound!

> I believe a variation HAS been approved in Canada, however.
> Anyway, there must be data on it somewhere, if it was

> tested for medical applications.

I'm sure there is, but I won't be able to check it out until 10:00 tonight, because I have to keep my line open to receive emergency calls. I just log on a few times during the day, post my messages and replies, download a small batch of messages, and get off. Maybe someone will look up the info before I get on and stay on later tonight. (Shrug.) If not, I'll see what I can do later.

> > BTW, does anyone know if you can address a message
> > to QRP-L and have it reflected to all the guys of the list
> > if you aren't a list member? I'd imagine that there is a
> > list filter to not allow this because of SPAM?
>
> Nope. A few months ago I re-registered from my home account
> (hinermad@worldnet.att.net) but the AT&T Web-based mail reader I use
> from work insists on using (hinermad@att.net) as the return address.
> Either one will reach me, but the list server didn't recognize it and
> bounced it.

I kinda' figured that it wouldn't allow this. Oh, well. I'll give the bro-in-law a call later tonight and see what he says. I'll see if he has the time to forward a response, and if he doesn't, then I'll just get all the info I can and post it later tonight, unless some other chemist on the list wants to stand up and give us a few words of wisdom. My knowledge of chemistry is from computer science, with minors in physics and music, but I do play around with it a little with my mud-logging duties. Anywho, I don't consider myself qualified enough to go any deeper in the matter. I'll log on and pick up a couple of e-mail messages around 3:00pm central, and if I don't see a response from a chemist, I'll call the bro-in-law and ask him for the beef on this situation.

72/73,

Randy Jouett, AB5NI

Date: Mon, 11 Oct 1999 10:13:00 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [52823] RE: MIXers, make or buy ?
Message-ID: <000301bf1404\$16e82300\$04000a0a@default>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My 0.02 worth
EXPERIMENT and learn !
A good very interesting start is to assemble a
ONE DIODE mixer...
It is simply amazing to see how well it works...
Owners of PIXIEs and TIXIEs and similar rigs know
it well, as those transceivers use one of the junctions
of the output transistor (a diode) as the receiver's
mixer
Then try building a two diode mixer, which is also very
easy . EXPERIMENT... EXPERIMENT ... EXPERIMENT
Test different VFO or Xtal Osc injection levels and
see what happens to mixer output, both at the wanted
frequency and the unwanted ones, PLUS see how the
injection level is of great importance to the NOISE
coming out of the mixer...
Try then a homebrew 4 diode double balanced mixer
using plain vanilla computer silicon diodes...
again EXPERIMENT... EXPERIMENT... EXPERIMENT
YOU WILL LEARN A LOT...
Instruments required for the game... an RF detector
probe, a good meter(I prefer analog for this work)
but DVM is OK too... If you have a nice signal generator
and an oscilloscope ... BETTER !
Then, after all your experiments, that go from a one
diode mixer to a 4 diode double balanced mixer...
You can follow two different attitudes...
FOR A NEW HOMEBREW rig, you may either, build a "final"
version of your homebrew 4 diode double balanced mixer
or you may just obtain a commercially built that will
usually look a bit nicer ... but will usually perform
just as well as your homebrew mixer (at least from
500 KHZ to 50 MHz).
If your project's operating frequencies are above
30 Mhz, then your best choice will certainly be
a commercial unit...
Again, it is amazing what can be done with one and
two diode mixers and a very limited number of
components.
73 and enjoy the radio hobby amigos !!!
Arnie
C02KK
e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Mon, 11 Oct 1999 12:18:10 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [52824] Re: Lead, cyanide, and other pastimes
Message-ID: <38020DC1.45072255@rit.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Randy Jouett wrote:

> I thought about this for a while, and maybe we could still
> use it if we put some single-sided tape over the pad, trimmed
> it, and then glued the pad down. When the glue dries, all
> we have to do is remove the tape and start soldering.
> This would keep the glue off of the top of the pad, making
> sure we didn't heat the stuff up and get it air bound.

Randy,

I've not had any problem with glue on top of the pad - I drop a little "puddle" of glue on a disposable surface (Post-It Notes are nice because they stay where you put them, mostly), grip a pad in a tweezer or hemostat, dip the bottom surface of the pad in the glue, and drop it on the floor a couple of times on the way to the board. (Grin) I use the instant "gel" kind of glue. The only time glue has been a place I wanted to solder was when I wanted to connect something to ground next to a pad that I had to slide into place, leaving a snail-trail of glue. I took the shortcut of burning off the glue (face averted, breath held, etc.) before soldering the ground lead. What I should have done is scraped off the hardened glue, or routed the lead somewhere else. But glue atop the pads hasn't been a problem.

> As far as the double-sided tape goes, it sounds like a great
> idea, but it won't hold up in this neck of the woods and other
> high-humidity areas. Double-sided tape just falls off after a

> couple of months, even if it uses the best semi-stick glue in
> the world. The vast majority of the glued head-liners in cars
> come falling down on your head -- aggravating, to say the
> least! -- and automobile speakers come unglued after a few
> years of use. Great idea, but not applicable down here in the
> swamps :^).

I'll bet the old cotton insulated wire evoked lots of laughter and
curses. I had an old Model 19 Teletype with cotton wiring, coated with
fungicide. Talk about stinky when you soldered it!

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Mon, 11 Oct 1999 12:32:01 -0400
From: "The Hansons" <hansfam@midcoast.com>
To: <qrp-l@Lehigh.EDU>
Subject: [52825] Still looking for TT Corsair
Message-ID: <000301bf1406\$25a9af60\$e1e41ace@hansfam>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tried to post on TT Reflector with no
success-message just does not appear-
sent both in Plain Text and HTML with subject
heading. Anyway, still looking for that elusive
TT Corsair with PS, etc.
hansfam@midcoast.com
Steve KE1LG

Date: Mon, 11 Oct 1999 10:25:28 -0500
From: "Mark Milburn" <markmilburn@netzero.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [52826] Other reflectors
Message-ID: <000201bf1405\$f41b8720\$b6eb0b04@markmilburn>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have lost my address book in a computer crash. Can someone send me the addresses of other qrp reflectors?

Many thanks.

72/73 Mark KQ0I
Des Moines, Iowa
kq0i@arrl.net

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<http://www.netzero.net/download/index.html>

Date: Mon, 11 Oct 1999 10:02:46 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52827] Radio Havana freq's?
Message-ID: <38020A26.202E@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I went to Radio Havana's web page thinking they would have a list of frequencies...NOT. I may have not gone to the right place. Anyone have a list of Radio Havana's transmissions time and freq.?

Thought I would listen for Arnie, and hear one of his shows.

72, Tom WB5QYT

Date: Mon, 11 Oct 1999 13:21:14 EDT
From: ka7you@juno.com
To: QRP-L@LeHigh.EDU
Subject: [52828] Suitability of polystyrene caps
Message-ID: <19991011.102513.6463.5.ka7you@juno.com>

Are polystyrene caps OK for use in a PI output filter?

I'm helping a young ham get a 10M Fireball on the air, and need some filter caps for the output filter. The only (nearly) correct value caps (230pf and 330pf) I can find in the junk box are some polystyrene ones, but it seems that I've read somewhere that they are not suitable for that application.

It's monday morning here, so don't respond if it is much later when you read this. By then, we will know. Just look west for smoke!

7 3,

Rod Johnson KA7YOU from grid CN97AK near Issaquah, Wa.

80M thru 10M with K2 s/n268 and other fine QRP rigs.

VHF thru 1296 MHz-higher bands pending

ARCI-QRP #7251 QRP-L #844 NWQRP #120 NorCal #2007 and others

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Date: Mon, 11 Oct 1999 10:23:20 -0700

From: Ed Loranger <we6w@qsl.net>

To: Jeff Stai <jstai@home.com>

Cc: Jeremy Cowgar <jcowgar@cbnews.org>, elecraft@qth.net, qrp-l@lehigh.edu

Subject: [52829] Re:K2 Time to Build?

Message-ID: <38021D08.76400FB2@qsl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Jeremy asked about the time to build a K2.

Hi K2 Fans (or is that Fan-atics!)

Wahoo! K2 Serial number 556 is ON THE AIR. Completed.
Done. PERFECT.

This is Doc's rig (K0EVZ). Started it last Thursday night.
Finished it Sunday about 11:00 AM. I played around with it
and had other chores but finally got on the air after deciding
to build up the keyer and power cables.

Guess who was my first QSO??? DOC! K0EVZ just sitting there
on 40 meters having a rag chew. What a trip. So I work
Doc on his own rig! What a gas. And he's the first Q'

Total time to build, up to ON THE AIR, all bands calibrated
etc. was 23 Hours. That's 3 hours better than my last

K2 build. Must have learned something :)

Also, I built this rig while standing. So that is two K2's I've built without sitting down!

Another standing ovation for Elecraft and their fine K2!
Time to rest now :)

The big news: I stayed with the 3 turn secondary on the final output transformer (Binocular core) BUT! I wound it using Transmission Line technique. Basically shaped both the green and White wires in a "U" slid them in from the left thru both holes and wound the turns at the same time, passing the white/green pair thru to the starting side and just the white back out to complete the 3 turns. The wires are stacked white, green,white, green,white. At 5 Watts I gets 1.3 A and 1.8 A at 10 Watts. It seems efficient.

This puppy's on its way to Doc right now! And the internal battery is pretty. (Shipped with battery switch in "Off" position)

So there you go. 23 to 26 hours if you don't sit down... Har!

Good luck! 72/Ed we6w

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Mon, 11 Oct 1999 10:28:40 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [52830] FOX: Pre-FOX festivities @ K7GT
Message-ID: <38021E48.5F66@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K7GT will try to open 10m to FOXhunting by operating there tomorrow evening from 0000Z to 0145Z. Nominal frequency 28061. If absolutely nil, I will drop down to 15m @21061.

When the REAL FOXHUNT begins, I will be down on 40 as a HOUND and on Jan 4 as FOX. The FOXHUNT dates don't conflict at all with my teaching assignments either semester. (Read that YAHOO!)

73

K7GT

--

```

                                     |
                                   /|
                                 /  |
                               | /Z | \
                             /| /599| \
                          /_ | /____|__ \_
Allan Taylor   K7GT          k7gt@arrl.net
Pleasanton CA  CM97aq       http://www.qsl.net/k7gt
...QRO, QRP, or barefoot..... [\-----/
~~~~~
```

Date: Mon, 11 Oct 1999 10:03:23 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: rules@bellsouth.net
Cc: qrp-1@Lehigh.EDU
Subject: [52831] Re: I smell a new name...
Message-ID: <19991011.103920.-969.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Randy Jouett wrote:

<snip>

>The Antenna Tuna :^).

No, no, no. That would be the Big Kahuna Tuna Tin Two Tuner.
Say that one three times fast! 8*)

Or Big Kahuna Tuna Tin Two Tun'a, for a New England accent.

Or BKT*3 (BKT cubed)

73, ROTFL

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Date: Mon, 11 Oct 1999 10:44:36 PDT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [52832] Fwd: nwq-l: FOXHUNT: Attention Novice & Tech+ Ops - Tuesday Pre-Fox Bash
Message-ID: <19991011174437.30962.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Sorry folks, I forgot to mention my callsign: N7RR

>From: "Bruce Prior" <n7rr@hotmail.com>
>Subject: nwq-l: FOXHUNT: Attention Novice & Tech+ Ops - Tuesday Pre-Fox
>Bash
>Date: Sun, 10 Oct 1999 18:04:49 PDT
>
>Hounds All, especially Ops with Novice and Tech+ Tickets--
>
> For the Tuesday night pre-fox bash, this particular bushy-tailed and oh,
>so delicious-smelling fox will inhabit two parts of the band. The
>Novice/Tech+ part will be QRS, about 10 WPM or slower if you call me slower
>than that. Here's the schedule:
>
>0130-0200Z @ 7110 kHz +/- QRM QRS
>0200-0230Z @ 7035 kHz +/- QRM ca. 20 WPM
>0230-0300Z @ 7110 kHz +/- QRM QRS
>
>That's Tuesday night in North America and Wednesday UTC.
>
>I'll be calling CQ FOX.
>
>72, Bruce Prior in Blaine, WA -- one of the Mangy Mushers
>
>-----
>Get Your Private, Free Email at <http://www.hotmail.com>
>*** NWQ-L Archives: <http://www.scn.org/ip/nwqrp/nwq-l/index.shtml> ***

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 11 Oct 1999 10:48:55 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu

Subject: [52833] MRX40 troubles
Message-ID: <38022307.1807@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As simple as the MRX rx is, mine won't work. Could someone please measure and send to me the resistances to ground and the voltages (d.c.) against ground when powered up for all 8 pins of the NE612 ? It HAS to have either a bad component or a slobber bridge but I haven't found it yet.

GT

--

```

                                     |
                                   /|
                                 /  |
                               | /Z |\
      Allan Taylor  K7GT          /| /599| \      k7gt@arrl.net
      Pleasanton CA  CM97aq      /_ | /____|__ \_  http://www.qsl.net/k7gt
...QRO, QRP, or barefoot..... [\-----/
~~~~~
```

Date: Mon, 11 Oct 1999 13:58:54 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: <qrp-l@lehigh.edu>
Cc: "wa8mcq" <wa8mcq@erols.com>
Subject: [52834] QRP Hall of Fame clarification
Message-ID: <199910111751.NAA05317@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Perhaps a bit of clarification and amplification might be in order here. Please note that the call for nominations indicated that a nominating letter of a few paragraphs should be sent, not just a one-liner, and that in the past extremely brief nominations such as "I nominate Joe Blow because he deserves it" have traditionally been pretty much rejected out of hand by the voters. They all get passed on to the voting body, but comments on extremely short nominations with no "meat" are generally negative.

I'll see if I can dig up some nominating letters in my files at home that were sent in over the years and post them here, to give some idea of what well written nominations look like. I'm not saying that a one-liner will

guarantee exclusion from the QRP Hall of Fame, or that a well written, factual letter will guarantee a shoe-in; we've had exceptions in both cases, but in general the more facts and information the letters include, the better the chances of someone being voted in, especially with people who are not as well known as others.

73 and queue our pea DE WA8MCQ

Date: Mon, 11 Oct 1999 11:18:30 -0500
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: LOW POWER AMATEUR RADIO DISCUSSION <QRP-L@LEHIGH.EDU>
Subject: [52835] COMPUTER PROBLEM---NOT QRP
Message-ID: <38020DD6.EC1FBD5E@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please pardon the non radio topic. Maybe somebody has an answer for me. My computer clock goes haywire from time to time. Right now it's 1303 CDT and the computer says 1114 CDT. Later today it will probably correct itself and remain correct for several hours. Anybody got a solution?

73/72

Don K5AAR

Lake Eufaula, Ok.

Date: Mon, 11 Oct 1999 13:12:32 -0500
From: Jeff Davis <jeff@n9avg.org>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [52836] OT: Update
Message-ID: <19991011131232.A14404@n9avg.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Friends,

Just a quick note to let you know there are a few new stories you might be interested in viewing at:

<http://n9avg.org/>

--

72 de Jeff, N9AVG

Date: Mon, 11 Oct 1999 13:37:14 -0400 (EDT)
From: James Skalski <jskalski@localnet.com>
To: Ed Loranger <we6w@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [52837] Re:K2 Time to Build?
Message-ID:
<Pine.LNX.4.04.9910111335110.6238-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ok,
So you can build it standing....When you build the next one we want
something more outrageous. How about with a mirror? Maybe backwards, maybe
with the lights out ... :-))

73,

Jim n2go

Date: Mon, 11 Oct 1999 11:41:19 -0700
From: Jeff Grudin <grudin@vdb.com>
To: "elecrafft@qth.net" <elecrafft@qth.net>, qrp-l@lehigh.edu
Subject: [52838] Pictures of the SSB Adapter
Message-ID: <38022F4F.6D72CBD1@vdb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some of you guys asked for a picture of the adapter. Here it is.

Point your browser to: <http://www.vdb.com/~grudin/K2sideband.html>

You can also see the noise blanker and how I did the Zero Beat Detector
that Jerry Henshaw designed. I have not done any amplifier, but it
seems to work fine. I haven't tried any real weak signal stuff yet.

Now don't drool in you keyboards. Yours will be there soon.

--

73 de AC6KW <<mailto:grudin@vdb.com>>
Jeff Grudin, DVM Web Add: <http://www.vdb.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Mon, 11 Oct 1999 11:51:56 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [52839] KI6DS TT2/MRX on the air tonight
Message-ID: <01bf1419\$b129ae60\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I will be on the air tonight with my TT2/MRX combo starting about 5:30. Should be around 7.040-7.042 or so. Tune around and see if you can find my peanut whistle. Got to test the rig out before Pacificon. It would be neat if others would get on the air tonight with their TT2/MRX and see if they can make some qso's.

By the way, my definition of a masochist is the guy operating a TT2/MRX as his rig for SS, grin.

Anyhow, hope to work you. Also, don't forget to bring some qsl cards to Pacificon, as I plan on qsling all contacts made during Pacificon with my TT2. In fact, it might be fun to see who can make the most contacts during the weekend with the guys there. Just think of all that RF floating around the hotel. Gotta be fun!

72, Doug, KI6DS

Date: Mon, 11 Oct 1999 14:46:31 -0400
From: "Scott Howell" <n3byy@yahoo.com>
To: <QRP-L@lehigh.edu>
Cc: <CW@QTH.NET>, <TENTEC@CONTESTING.COM>
Subject: [52840] HANDKEY PROJECT A BIG SUCCESS
Message-ID: <030901bf1419\$3c397680\$a861b683@HQ.NASA.GOV>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WELL THANKS TO EVERYONE WHO PLACED AN ORDER. THE TOTAL AS OF THIS MINUTE IS 1374 AND I'VE FACTORED IN A LITTLE EXTRA.
SO, I WANTED TO THANK EVERYONE WHO PLACED AN ORDER AND SUPPORTED THIS PROJECT. I DID THIS CAUSE I ONLY WANTED ONE<G>.

WELL OK i ORDERED SOME MYSELF. the TOTAL NUMBER REFLECTS THE TOTAL NUMBER OF
PIECES ORDERED. i HAVEN'T EVEN TRIED COUNTING THE NUMBER OF FOLKS WHO PLACED
AN ORDER.

so, GUESS WHAT? i PLACED THE ORDER, BUT BEING IT TAKES A WEEK OR SO TO MAKE
THE DYE, i HAVE 5 DAYS TO ADD ANY NEW ORDERS<G>.

so, BEING i'M AS CRAZY AS YOU CAN GET, i DECIDED TO OPEN UP THE HOTLINE FOR
ONE ABSOLUTE BLOWOUT OPPORTUNITY.

so, ONE LAST TIME AND YES THIS REALLY IS IT. i MENT IT BEFORE, BUT i FOUND
OUT TAHT BEING AS i GET 5 MORE DAYS, i THOUGHT IT WOULD BE NICE TO JUST OPEN
THIS UP ONCE MORE.

so, ITS YOUR FINAL FINAL FINAL CHANCE TO EITHER PLACE AN ORDER OR MAKE ANY
CHANGES.

HERE'S THE ITEMS AND COST.

LAPEL PINS COME STANDARD WITH EITHER A BUTTERFLY CLUTCH BACKING OR SAFETY
PIN BACKING.

EACH PIN IS .64

TIE TACS COME IN TWO CONFIGURATIONS. with NO CHAIN AT .86 PER PIECE OR
WITH CHAIN AT .90 PER PIECE.

tIE BARS ARE \$1.19 PER PIECE.

iF YOUR INTERESTED, PLEASE e-MAIL ME AT N3BYY@YAHOO.COM AND i'LL RESPOND
WITHIN 24 HOURS OR LESS.

iF YOU DO NOT HEAR FROM ME WITHIN 24 HOURS PLEASE CONTACT ME AT
N3BYY@AMSAT.ORG

THE TRICK WITH e-MAIL IS HOPING YOU GET IT.<G>

i'LL REALLY STOP TAKING ORDERS AS OF 10/15/99 9:00 PM est OR 10/16/99
00:00z.

YOU CAN SEE A PIC AT [HTTP://WWW.QLS.NET/N9BOR/N3BYY.HTM](http://www.qls.net/n9bor/n3byy.htm)

TNX AGAIN FOLKS FOR THE BW AND APPRECIATE EVERYONE BEING SO KIND WHILE i
CLOG THE LISTS WITH MY PROJECT MESSAGES.

pLEASE NOTE THE BLACK AREA ON THE PIC WILL ACTUALLY BE A DARK BLUE.

73 de Scott/n3byy

Laurel MD

Fists #5030 . Qrp-1 #1689

for immediate response, send mail to n3byy@amsat.org

Do You Yahoo!?

Bid and sell for free at <http://auctions.yahoo.com>

Date: Mon, 11 Oct 1999 07:19:34 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [52841] TT2/MRX40 Audio Mod.
Message-ID: <3801F1F6.7F5F3C02@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

If you have assembled and tested out your TT2/MRX40 combination in preparation for the Pacificon operating event, you have probably noticed that when you transmit on your TT2, your ears are about blown off, as the simple MRX40 has no AGC.

Well, I came up with a very simple mode for the RX audio. Just take 2 diodes, put them in parallel, but opposite polarity. Solder the "assembly" across the audio output jack. This mod will prevent your own transmitter from blowing your ears off when you are transmitting. It also tends to limit the signal from the guy next to you.

The audio will be somewhat distorted on those strong signals, but you can fix this by simply adjusting the gain downwards on the MRX40.

The diode type is very uncritical, but should be a silicon type, not germanium. This mod can be expanded to include external biasing of the diodes as to provide adjustable limiting, and filtering to remove the distortion, but hey, this is all supposed to be a SIMPLE rig. KISS and all that sort of thing, you know.

Please consider this mod. I really don't want any of you operators to come away with any ear degradation. You all need to have those organs as finely tuned as possible to be able to hear my signal during the upcoming contest season ;)

Brian W5VB0

Date: Mon, 11 Oct 1999 13:21:00 -0600
From: Dave Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu

Subject: [52842] QRP in the Sweepstakes--some motivational thoughts
Message-ID: <3.0.6.32.19991011132100.0079c6f0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Chuck and others have been blowing the Sweepstakes horn, trying to rally y'all to get involved. For those of you who haven't worked up the nerve to give it a go, consider some thoughts:

It's a great way to promote QRP. What better way to raise the consciousness level of the rest of the hobby regarding QRP? And the other ops *want* to work you--after all, you're worth points to them! Very rarely will a high-power op give up on a QSO without giving it some effort.

Did you know that there were only 176 QRP entries in last year's SS? Some sections did not have any QRP entries at all! Some of you could work the contest for a few hours and wind up winning your section in the QRP category!

So what if you're not a contester? No one would accuse me of being one either. You won't find any 100 foot (or, for that matter, ten foot) towers with rotatable beams at my QTH. Just a little wire hung at a modest height in the trees in my back yard, my trusty IC-706, and my computer for logging. I worked a couple hundred Q's in 12 hours last year running QRP with this setup. While there's nothing really noteworthy regarding my score (like I said, no one would accuse me of being a contester), that's enough Q's for a whole lot of fun.

CW speeds too fast for you? Nonsense! If I can keep up with a ragchew at 20 wpm I'm having a really good day. But I can do 30 during contests, once I get warmed up. It's not as hard as you think to copy 30 wpm or faster in short bursts, especially if you know what's going to be sent. And in search & pounce mode, you can always listen to the exchange a few times before you call. Want proof? Get ahold of a copy of RUFZ and practice copying call signs. I can get up to 40 wpm (but I usually have to hear it twice, and even then I don't always get it), and I'm nowhere near as good with CW as a lot of the folks here on the list. Try it out and see how easy it is to get call signs at 30 wpm with a little practice. And you'll be amazed at how your speed improves as time goes by during the contest! Okay, I admit it, the speed demons aren't going to slow down for you, but you *can* copy them. If I can do it, you can do it!

You'll hear some really good ops, too (and a few that maybe aren't as good). It's not a bad way to improve your own operating skills.

Bottom line: you don't have to be a serious contester to have fun in the SS. If you can get on the air, you can work some contacts and have a lot of

fun. It's worth a little preparation time so you know how you're going to handle logging and dupeing, and so you know the rules, but this will make it an even more positive experience. So give it a go! Have fun! And make sure you share your experience with us here on the list!

73 es GL de Dave AB0GO

Date: Mon, 11 Oct 1999 15:36:29 EDT
From: Dennisskea@aol.com
To: qrp-1@lehigh.edu
Subject: [52843] WTB: "QRP Classics"
Message-ID: <0.4b7d8078.2533963d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Looking for a copy of ARRL's "QRP Classics" in good condition. Please reply direct to kc2ccz@arrl.net

73 Dennis Skea kc2ccz

Date: Mon, 11 Oct 1999 16:40:51 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [52844] FOXHUNT: Attention Novice & Tech+ Ops - Tuesday Pre-Fox Bash
Message-ID: <19991011.152951.4687.0.N5IB@juno.com>

N5IB, the one and only Louisiana Fox, will take time out from chasing nutria to pop up in the Novice/Tech+ band for the Pre_Fox Bash. DSW40 or TS430S, horizontal Delta Loop, J-38 key, calling CQ FOX. We'll practice the regular fox/hound exchange:
RS, QTH (SPC), NAME, QRP-L # or PWR

There will be a special Fox QSL for them that wants it and sends a SASE.

Tuesday night:
0100-0159 Z (8-9 pm CDT) near 7110 KHz +/- (mostly +) QRM
speed about 10-12 wpm, I'll QRS to your speed
I'll remain in the N/T+ band longer if there are still folks calling, otherwise:

0200-0259 Z (9-10 pm CDT) upwards from 7043

speed? y'all better keep it 20 wpm and under for this tachimorsically
challenged critter

After that, your only chance to capture a taste of Louisiana will be
Mardis Gras Night (what better time ??), March 8, 0200-0400Z (8-10pm CST)

72

Jim N5IB

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 11 Oct 1999 16:42:13 -0700
From: "Mark Paley" <mpaley@wcnet.org>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [52845] mojo
Message-ID: <007d01bf1442\$4249e7c0\$a9ab85cd@mpaley>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm not sure if my K-2 has mojo, but judging by all of the good signal
reports I've been getting I'd say my K-2 gives GOOD RF!

Mark Paley--KF8KL--

K2 #250

mpaley@wcnet.org

<http://www.wcnet.org/~mpaley>

Date: Mon, 11 Oct 1999 13:52:39 -0700
From: "John Moriarity" <k6qq@hdo.net>
To: <mark@intermediatn.net>, "Low Power Amateur Radio Discussion" <qrp-
1@Lehigh.EDU>
Subject: [52846] Re: Mixer Circuits: Build 'em or Buy em?
Message-ID: <006701bf142a\$8ef70ac0\$ec424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Do most QRP homebrewers build their own mixer circuits or buy
> them as a chip?

They're so cheap, I usually buy them.

> Does anyone know a technical source that explains
> in detail how the popular 4 diode DBM circuits work?

Try "Introduction to Radio Frequency Design", by
Wes Hayward, W7ZOI (available from the ARRL).

72,

John, K6QQ

Date: Mon, 11 Oct 1999 14:54:17 MDT
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [52847] W0MC Portable Op this afternoon
Message-ID: <19991011205417.88117.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hey QRP-Lers,

For the past couple weeks, I've been occupying my Monday afternoons with a little bit of portable QRP activity. I take my kids to piano lessons, and while waiting for them, I work a little portable QRP with my K2 and homebrew loaded 20m whip. I'll be there again today, but this time I thought I'd let other QRP-ers know.

Anyway, I'll be hanging around on or below 14060 today from about 22:10 to 22:50 UTC (that's 4:10 to 4:50 Mountain time). Hope to see some of you there.

73,
Jerry
W0MC

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 11 Oct 1999 14:09:11 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: w6toy@erols.com
Cc: qrp-1@lehigh.edu
Subject: [52848] Re: KU7Y and K7Q0 contesting
Message-ID: <19991011210912.49350.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ooops forgot Bruce. That was why I picked the number 200+.

The PINS are not free, they cost you \$5. I'll post all the gory details after SS. You have to send in the log which you should do via email and then mail a \$5 check or MO with a label to ARRL HQ with SS PINS department name. Also note which weekend you are getting the pin for. CW or Phone/SSB. See me at Pacificon for this one as note the pin that I am wearing... :-) ; -)

dit dit

Chuck Adams K7Q0 CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>
All QSLs to Box 11840, Prescott, AZ 86304-1840
Waiting on FCC ULS to catch up on update(s).....

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Date: Mon, 11 Oct 1999 16:03:45 -0400
From: "Robert W. Shaw" <lycott@fox.nstn.ca>
To: <qrp-1@lehigh.edu>
Subject: [52849] How does an overtone crystal work?
Message-ID: <3.0.5.32.19991011160345.0083bc10@fox.nstn.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Can anyone tell me, does an overtone crystal oscillator (using an overtone crystal) work by having high harmonic content in the output waveform at the fundamental frequency (ie a distorted sine wave), or does the crystal element actually oscillate like a violin string at a harmonic of its fundamental frequency (ie say 3 or 5 nodes)?

If the former, is there anything different about the oscillator circuit to increase the harmonic content, like biasing it to run in a non-linear portion of the amplifier's gain curve?

I haven't found any reference that makes this distinction clear to me.

72 de Bob VE3SUY

Date: Mon, 11 Oct 1999 14:33:20 MST
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [52850] FOXHUNT pre-season hunt de K7QO
Message-ID: <19991011213321.59472.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

K7QO, Chuck Adams, ex-K5FO, will be on 20 meters from 0000-0200UTC tomorrow night (Wednesday UTC timezone). Around 14.060MHz fighting the digital droids for a spot.

I figure to get close to all 50 states before Pacificon if I can squeeze in some new ones tomorrow night. I have yet to work a single 9-lander. Is WI, IL, and IN frozen up already? Do I have a null in my long wire in that direction. I'll go out and rotate the lot and see if that helps.

So, let's see who can work me with the least amount of juice. I can hear W5JAY at 1mW and copy an entire QSO so how difficult can it be to get a name, rank, and serial number? Not that bad I'm sure.

Here's what I need ME, NH, WI, IL, IN, KY, NE, SD, WY, MT, and UT and (drum roll.....) HI. So let's see how many I can get in two little hours.....

dit dit es cu

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Date: Mon, 11 Oct 1999 14:40:11 MST
From: "Chuck Adams, K7QO" <k7qo@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [52851] Another SS plus
Message-ID: <19991011214011.83837.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

Something else that has been done each year. It is possible for you get to all 50 states during SS, both CW and SSB.

Look at it this way. You have a bunch of guys and girls out there with the best rigs and antennas that money can buy. They can hear a pin drop at 100 yards without a preamp!!! Many of them have these super contest stations to hear some DX station out on some 5 square km rock that is visible only 1 hour a day (when the wind is calm). :-)

Some of them are the only ham station in the county or district or province and they get on one time during the year and this is the time.

Thanks for the updates on the new additions to the exchange. Looks like it is time to upgrade CT-9 before I get stuck again.... :-) No pain no gain....

I HAVE to get the SGI system up and running this p.m. I have a CD for SS practice and I have one for Ron. Nothing like helping the competition out. If you are going to be a Pacificon send me email. It will cost you though.....

Back to melting solder and I won't be back online until tomorrow. I do have to drive Thursday and there are a few hundred more pads to glue down and solder.... :-) ;-)

dit dit

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>
All QSLs to Box 11840, Prescott, AZ 86304-1840
Waiting on FCC ULS to catch up on update(s).....

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 11 Oct 1999 17:40:00 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [52852] Antarctic QTHs and Managers
Message-ID: <000001bf1431\$2d3a1f00\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ade's query about R1ANF's QTH prompts me to post this message. Wanna know where the stations are and who the managers are for all those callsigns from different countries operating in Antarctica? Point a URL to <http://www.avana.net/~polar/qsinfo.html> and you'll see what you need.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L # 687 .-.-.

Date: Mon, 11 Oct 1999 14:48:57 -0700
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [52853] IF you emailed me... QSL.NET is SLOW right now.
Message-ID: <38025B49.178AD052@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow gang, the email has been very slow from qsl.net today.
My test message is still out there somewhere.

PLEASE, for NOW, email me at loranger@sr.hp.com
if you have been getting bounced email or think
I don't respond :) I haven't gotten your mail.....
Regular mail will hopefully be ok at qsl.net when it
spits it into my intray later. I hope.

So this is an open email to some hams I've been chatting
with about a few issues:

- 1) Neil at AADE. Do we have a deal on the oscillator?
- 2) NW7DX, Ben, you wanna be a "NightOwl" or no?

Also, I've gotten only a few reports on how them oscillators are working. Guys, I'm sure your application of the oscillator is interesting. Would like to hear how they are helping you.

I got very tired of the PSEUDO On-Line ULS system at FCC. hard to even IMAGINE who the joker was that allowed INTERNET access to the site and changes to your HAM data, then REQUIRES you to phone in on a TCP/IP connection and verify. Holy Fam-Oley! Why don't we wire up some shift registers and a tone decoder with a single pushbutton? "To verify the data is valid here at the FCC, use your micro-switch data terminal and enter in the follwing strings of bits, in XOR encrypted sequence, reverse byte order. Non digital phone users may have to enter data a second time while we verify....., encoders are not compatible with FCC upload buffers and may require hardcopy submission for file updates....."

I sent in my 610 hardcopy, thankyou. And it wasnt' even on the FCC site. Fortunately I had downloaded it previously!

Holy Fam'ole!

72/Ed we6w <mailto:loranger@sr.hp.com> when necessary....

--

-Ed AR Millennium Q's=>1400/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Mon, 11 Oct 1999 15:37:51 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-l List Server'" <qrp-l@Lehigh.edu>
Subject: [52854] TOKO Coils?
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE04FC@hq-expo2.filenet.com>

I am puzzled -- a familiar condition for me.

Can anyone enlighten as to the how and why of the inductors made by Toko. I have been to their web site and noted that there are a number of base configurations -- as well as different types. However, there is no unifying

theory of organization or documentation as to the "grand scheme" of those little buggers.

It has been said that one can tell by the markings on the can what the inductors are meant for -- yet I have a pile whose markings bear no relationship to the Mouser or Digikey house numbers or Toko part numbers. Same applies for the color of the slug (red, green, blue, etc.), yet the Toko web site does not mention slug color.

My sincere thanks in advance for enlightenment.

Date: Mon, 11 Oct 1999 18:58:26 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [52855] Re: What is "Manhattan Style"?
Message-ID: <3.0.32.19991011185823.0074ced0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>
>> The Truth is Out There (tm). Cyanoacrylate was developed as an instant
>> skin suture for use in battlefields. It was never approved for medical
>> use in America because something in it can impair liver of kidney
>> function. (I forget which.)
>
>Hmmm. This means that we "really" don't need to be getting
>this stuff when it's air bound!
>
>> I believe a variation HAS been approved in Canada, however.
>> Anyway, there must be data on it somewhere, if it was
>> tested for medical applications.

Randy and gang,
The stuff was being tested at the U of Ky Medical Center when I first began working there. It was called Eastman 910. We 'tronic types (being the pirates that we are) "acquired" some for other uses.
73 Pete NV4V

Date: Mon, 11 Oct 1999 15:57:08 PDT
From: "Jeff Hahn" <kr4ys@hotmail.com>
To: qrp-1@Lehigh.EDU

Subject: [52856] Wire antennas in attic
Message-ID: <19991011225708.96438.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Could someone please provide me with the web addresses of sites which
discuss wire antennas which are suitable for installation in the attic.
Thanks. Jeff KR4YS

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End of QRP-L Digest 1605

